

J. J. Morris #1 Well

8-13-80

FORM IV-2
(Obverse)

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

Date: August 11, 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. One (1)

API Well No. 47 - 073 - 0925
State County Permit

WELL TYPE: Oil XXX / Gas XXX /

(If "Gas", Production XXX / Underground storage ___ / Deep ___ / Shallow XXX /)

LOCATION: Elevation: 612'

Watershed: Ohio River

District: Washington

County: Pleasants

Quadrangle: Raven Rock

WELL OPERATOR BERG Petroleum Corporation

DESIGNATED AGENT E. D. Adams

Address P. O. Box 782

Address Box 56

Cambridge, OH 43725

Troy, WV 26443

OIL & GAS ROYALTY OWNER

Donna Morris Farren, et al

COAL OPERATOR -None-

Address St. Marys, WV 26170

Address

Acreage 2

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Donna Morris Farren, et al

Name -No Coal in Pleasants County-

Address St. Marys, WV 26170

Address

Acreage 2

Name

FIELD SALE (IF MADE) TO:

Address

Name

Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name -Nothing of Record-

Address

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Philip L. Tracy

Address Middlebourne, WV 26149

Phone: 758-4573

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XXX / other contract ___ / dated August 8, 1980, to the undersigned well operator from James J. Morris, et al

[If said deed, lease, or other contract has been recorded:]

-Not Yet Recorded-

Recorded on ___, 19___, in the office of the Clerk of the County Commission of ___ County, West Virginia, in ___ Book ___ at page ___. A permit is requested as follows:

PROPOSED WORK: Drill XXX / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___ /

Plug off old formation ___ / Perforate new formation ___ /

Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

RECEIVED

AUG 13 1980

OIL & GAS DIVISION
DEPT. OF MINES

BLANKET BOND

BERG Petroleum Corporation

Well Operator

By E. D. Adams, Treasurer

Its

E D Adams

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Adams Well Service

Address P. O. Box 858
Cambridge, OH 43725

GEOLOGICAL TARGET FORMATION, Upper Devonian

Estimated depth of completed well, 3999 feet Rotary XXX/ Cable tools /

Approximate water strata depths: Fresh, 50 feet; salt, N/A feet.

Approximate coal seam depths: -None- **Is coal being mined in the area?** Yes / No XXX/

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									Kinds
Fresh water	8-5/8	ERW	20	xxx		250' 367	250' 367	70 sacks	
Coal									Sizes
Intermediate									
Production	4-1/2	K-55	10½	xxx			3999'	100 sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulation is to be any of the operations for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling . This permit shall expire if operations have not commenced by 4-14-81.

Thomas E. Haggerty
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

BLANKET BOND

Date: , 19

By

Its

Form IV-9
(01-80)

Date August 11 19 80
Well No. One (1)
API No. 47 - 073 - 0925
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name BERG Petroleum Corporation Designated Agent E. D. Adams
Address P.O. Box 782, Cambridge, OH 43725 Address Box 56, Troy, WV 26443
Telephone (614) 439-5858 Telephone (614) 439-5858
Landowner Donna Morris Farren, et al Soil Cons. District

Revegetation to be carried out by BERG Petroleum Corp. (Agent)

This plan has been received by Upper Ohio SCD. All corrections and additions become a part of this plan. 8/12/80 Kenneth R. Mason (Date) (SCD Agent)

Access Road	Location
Structure <u>Ditch Relief Cul.</u> (A)	Structure _____ (1)
Spacing <u>N/A</u>	Material _____
Page Ref. Manual <u>1:7</u>	Page Ref. Manual _____
Structure _____ (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary.

Revegetation

Treatment Area I	Treatment Area II
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime <u>N/A</u> Tons/Acre or correct to pH _____
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>(Hay or straw) 2</u> Tons/Acre	Mulch _____ Tons/Acre
Seed* <u>Ry #31 40# Fescue</u> lbs/acre	Seed* _____ lbs/acre
_____ lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre

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

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Attach or photocopy section of involved Topographic map. Quadrangle Raven Rock

Legend: ⊕ Well Site
— Access Road

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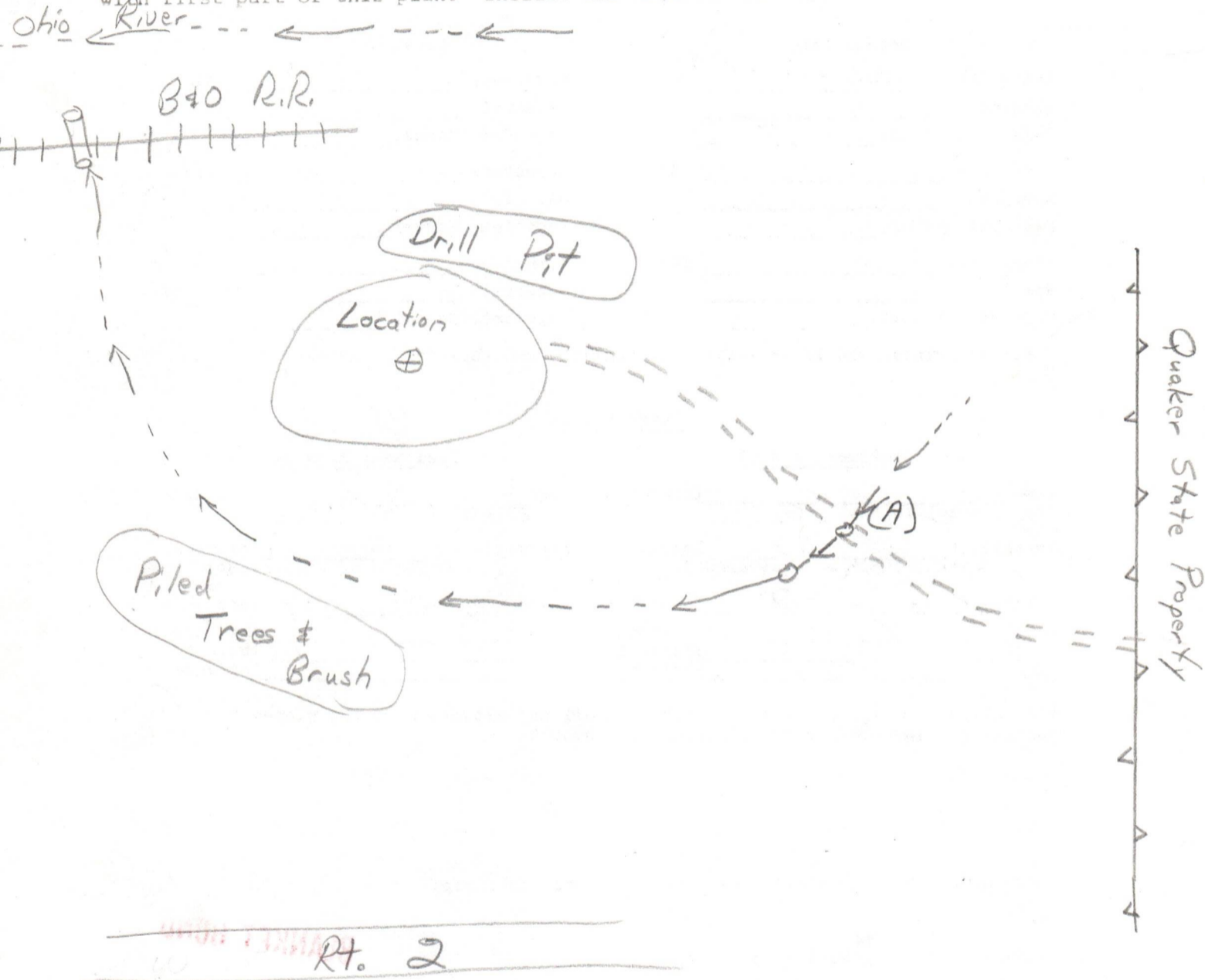


Well Site Plan

Legend: Property Boundary Road Existing Fence Planned Fence Stream Open Ditch

Diversion Spring Wet Spot Building Drain Pipe Waterway

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



Comments: Trees and brush will be cleared and piled
before making location. Location and access road
are on flat ground. Access road will be stored.

Signature: E. D. Adams
 Agent

Box 56, Troy, WV 26443
 Address

(614) 439-5858
 Phone Number

Please request landowners cooperation to protect new seeding for one growing season.



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

OOG-064

October 6, 1980

Berg Petroleum Corporation
P. O. Box 782
Cambridge, OH 43725

Re: No. 47-073-0925
Well No. 1, J. J. Morris Estate
Washington District, Pleasants County, West Virginia

Dear Sirs:

Our records show that the above-captioned permit was issued on August 14, 1980, and this letter is to advise you that Chapter 22-4-14 of the Code requires that you prepare a plan of operation to show due diligence in your effort to conserve the gas from this well. You are also obligated to provide the Administrator a copy of a gas/oil ratio test performed on this well. This test should be of a twenty-four (24) hours duration and should be verified as to its authenticity by the responsible agent or the operator. Subsequent to the gas/oil ratio test and receipt of the plan, the Office of Oil and Gas will within ten (10) days decide whether the plan will conserve and save gas from waste, or fail. If the plan fails, production of oil at such well shall cease. The total flaring and venting should not exceed three (3) days. Successive plans of operation may be filed.

Very truly yours,

Thomas E. Huzzey, Administrator
Office of Oil and Gas

TEH/rf

Encl. IV-1 Form to be completed and returned as soon as possible
cc: James Wallington, Assistant Attorney General
Bill Covell, City Manager, City of St. Marys, WV
Phillip Tracy, District Oil and Gas Inspector



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

Thomas E. Huzzey
Administrator

00G-0287

May 7, 1981

Berg Petroleum Corporation
P. O. Box 782
Cambridge, OH 43725

Gentlemen:

The Office of Oil and Gas finds its files do not show a Gas-Oil ratio test for your well No. 47-073-0925.

In accord with Section 22-4-14 "...in no case shall such gas from any well be wasted in the process of producing oil therefrom until the owner or operator of such well shall have filed with the department a plan of operation for said well showing among other things the gas-oil production ratio involved in such operation which plan shall govern the operation of said well unless the department shall, within ten (10) days from the date on which such plan is submitted to the department, make a finding that such plan fails, under all the facts and circumstances, to propose the exercise of all reasonable diligence to conserve and save from waste so much of such gas as it is reasonably possible to save, in which event production of oil at such well by the wasting of gas shall cease and desist until a plan of operation is approved by the department. Successive plans of operation may be filed by the owner or operator of any such well with the department."

So that the state may be aware of the potential waste in the event of a market failure for your well I ask that you complete the attached form from a 24 hour flow period.

Thank you,

Thomas E. Huzzey, Administrator
Office of Oil and Gas

TEH/lc

Encl. as stated

CITY OF ST. MARYS

418 Second Street
St. Marys, West Virginia 26170

November 13, 1981

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NOV 16 1981

OIL AND GAS DIVISION
WEST VIRGINIA DEPARTMENT OF MINES

Mr. Thomas E. Huzzey, Administrator
State of West Virginia
Department of Mines
Oil & Gas Division
Charleston, West Virginia 25305

Dear Mr. Huzzey:

I would like to report that Well No. 47-073-0925; Well No. 1, J. J. Morris Estate has continued to vent raw gas into the air. Given the location of the well, I feel that the continued venting of this gas is a hazard to the health and safety of the citizens of St. Marys.

As I have previously explained, Berg Petroleum/Adams Well Service claims the gas is being reinjected into the well casing. The amount of gas present, on any evening demonstrates that this process is not working properly.

Your attention to this matter will be appreciated.

Sincerely,

CITY OF ST. MARYS

William R. Covell

William R. Covell
City Manager

/kg

Regina
file here
Phil
Can you shut this operation?
They have no approval!
re-injection!
JRH
11/16/81



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Quadrangle Raven Rock 7½'
Permit No. 47-073-0925

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. xxx _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company BERG Petroleum Inc.
Address P.O.Box 782, Cambridge, OH 43725
Farm J. J. Morris Acres 2
Location (waters) Ohio River
Well No. One (1) Elev. 612'
District Washington County Pleasants
The surface of tract is owned in fee by Donna Morris Farren, et al
Address St. Marys, WV 26170
Mineral rights are owned by Donna Morris Farren, et al Address St. Marys, WV 26170
Drilling Commenced August 26, 1980
Drilling Completed September 4, 1980
Initial open flow 10 mcf cu. ft. 25 bbls.
Final production 0 cu. ft. per day 20 bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	400'	400'	200 Sacks
7			
5 1/2			
4 1/2		3937'	400 Sacks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

F/W 650MMCF Nitrogen - Perf. 23 @ 3650'-3675'
A/F 25 B.O. & 10 MCF Gas - Ohio Shale.
Put pumping jack on. Pumping oil without any loss of gas.
No gas being flared.

Coal was encountered at -None- Feet _____ Inches _____
Fresh water 25 Feet _____ Salt Water -None- Feet _____
Producing Sand Ohio Shale Depth 3865'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Berea			1813'	1825'		Show of Gas
Gordon			2205'	2220'		Show of Oil & Gas
Shale			2225'	3937'		
TD			3937'			

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DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.

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

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JUL 7 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-925

Oil or Gas Well _____
(KIND)

Company Berg petroleum
 Address Cambridge ohio
 Farm V.J. Morris EST
 Well No. 1
 District washington County pleasant
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

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

Drillers' Names _____
 Remarks: This well is not venting Raw gas now. There is no means to Reinject gas into the well casing

7-2-82

R.A. Lowther 512

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

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 13-925

Oil or Gas Well _____
(KIND)

Company Berg Petroleum
 Address Cambridge Oh
 Farm Morris
 Well No. 1
 District _____ County Plasants
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

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

Drillers' Names _____
Can be relayed
 Remarks: _____

Dec 9 81
DATE

Phil Drey 572
DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

WALTER N. MILLER
DIRECTOR

January 28, 1982

B.E.R.G. Petroleum Corporation
P. O. Box 131
Glenville, West Virginia 26351

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

<u>PERMIT NO.</u>	<u>FARM AND WELL NO.</u>	<u>DISTRICT</u>
PLEA-0925	J.J.Morris/donna M. Farren et al #1	Washington
PLEA-0932	Helena U. Henthorn #1	Washington
PLEA-1112	Stella Ross #3-81	McKim
PLEA-1114	State Board of Control #4-80	Union
PLEA-1115	State Board of Control #14-80	Union

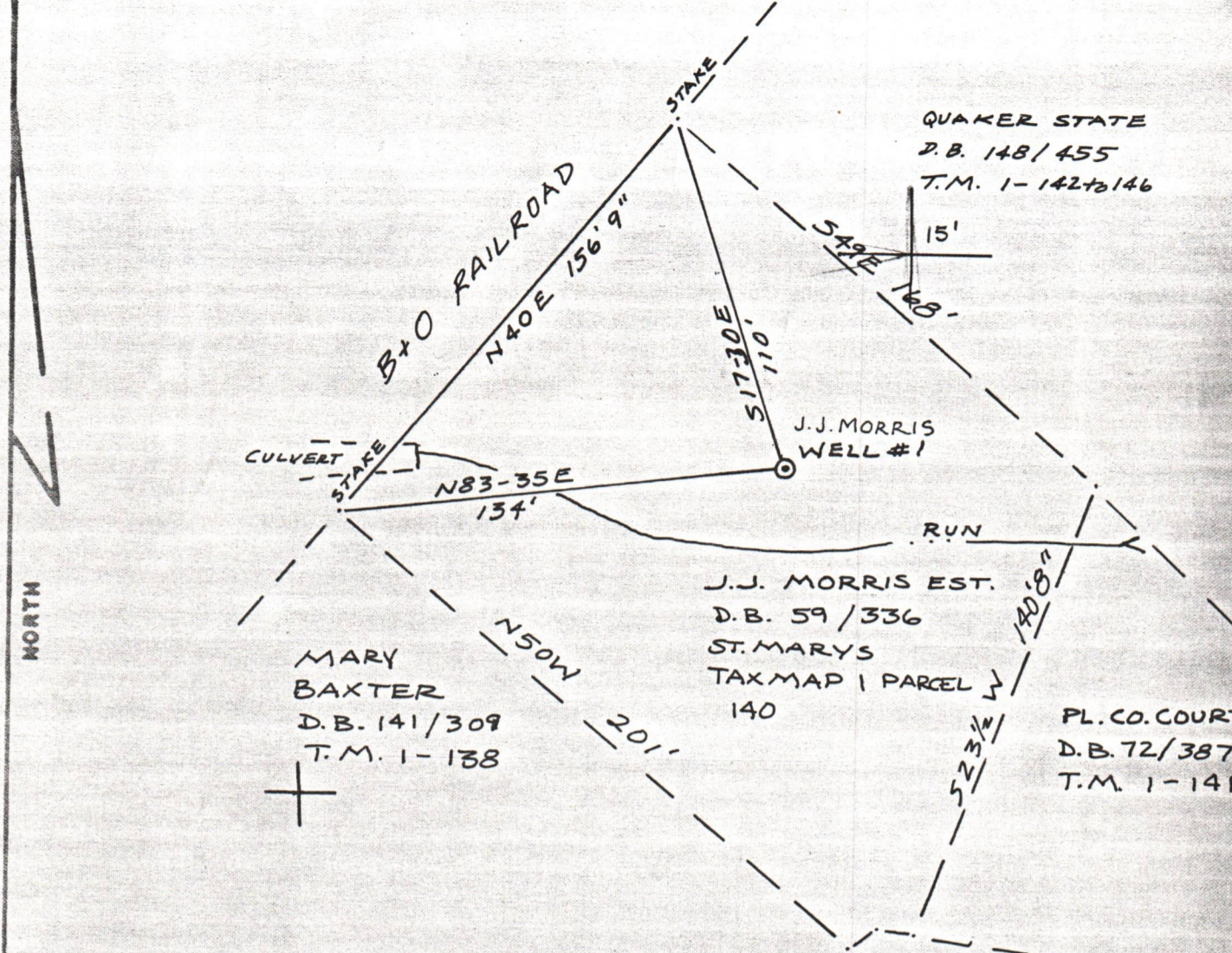
In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved..... ..

Very truly yours,

Fred Burdette

LETITUDE 39° 25'

LONGITUDE 81° 10'



FILE NO. 80-
 DRAWING NO. 1
 SCALE 1"=50'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM 629

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) Neal Hughes
 R.P.E. _____ L.L.S. 632

PLACE SEAL HERE

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



DATE AUG 8, 1980
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-073-0925
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 612 WATER SHED OHIO RIVER
 DISTRICT WASHINGTON COUNTY PLEASANTS
 QUADRANGLE RAVEN ROCK 7 1/2' ST MARYS 15'
 SURFACE OWNER J.J. MORRIS EST ACREAGE 1 LOT
 OIL & GAS ROYALTY OWNER DONNA MORRIS FARREN LEASE ACREAGE 1 LOT
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUS AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Upper DEVONIAN ESTIMATED DEPTH 3999
 WELL OPERATOR B.E.R.G. PETROLEUM CORP. DESIGNATED AGENT F.D. ADAMS
 ADDRESS P.O. Box 782 ADDRESS Box 56
CAMBRIDGE OH 43725 TROY, WV 26443