



1) Date: Sept. 3, 1982  
 2) Operator's Well No. Runnion #1  
 3) API Well No. 47 073 1532  
 State County Permit

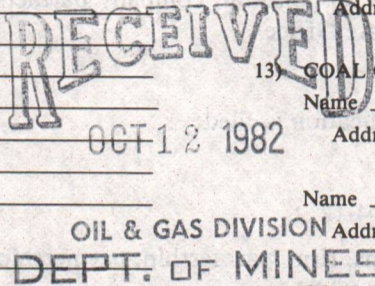
DRILLING CONTRACTOR:

Paul Bertram  
Marietta, Ohio

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 691 Watershed: Cow Creek  
 District: Jefferson County: Pleasants Quadrangle: Schultz
- 6) WELL OPERATOR Energex Oil & Gas Corp. 11) DESIGNATED AGENT Walter Allen  
 Address P. O. Box 5306 Address P. O. Box 5306  
Vienna, WV 26105 Vienna, WV 26105
- 7) OIL & GAS ROYALTY OWNER Charles A. Runnion 12) COAL OPERATOR \_\_\_\_\_  
 Address Rt. #1 Address \_\_\_\_\_  
St. Marys, WV
- 8) SURFACE OWNER \_\_\_\_\_ 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address \_\_\_\_\_ Name \_\_\_\_\_  
 Acreage 3.77 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO: \_\_\_\_\_ 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Address \_\_\_\_\_ Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED \_\_\_\_\_  
 Name Robert Lowther Address \_\_\_\_\_  
 Address General Delivery \_\_\_\_\_  
Middlebourne, WV 26140 Phone: 758-4764
- 15) PROPOSED WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, Berea
- 17) Estimated depth of completed well, 2000 feet
- 18) Approximate water strata depths: Fresh, 100 feet; salt, 200 feet.
- 19) Approximate coal seam depths: N/A Is coal being mined in the area? Yes \_\_\_\_\_ / No



20) 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"	ST-C	24		X	150	150	to Surface	Kinds	
Fresh water	8 5/8	ST-C	24	X		700	700	fill-up 150'		
Coal									Sizes	
Intermediate										
Production	4 1/2	ST-C	9 1/2	X		2000	2000	fill-up	Depths set	
Tubing								above 2nd cow		
Liners								run	Perforations:	
									Top	Bottom

- 21) 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.)
- 22) ROYALTY PROVISIONS  
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.
- 23) Required Copies (See reverse side.)
- 24) 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.
- Notary: Eugene Shriner Signed: Darrell R. Boice  
 My Commission Expires 10/1/91 Its: AGent

OFFICE USE ONLY

DRILLING PERMIT

Permit number 47-073-1532 Date October 13 19 82

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. 10) 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.)

Permit expires June 13, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <input checked="" type="checkbox"/>	Plat: <u>M. &amp; M. 172</u>	Casing	Fee
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[Signature]  
 Administrator, Office of Oil and Gas

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

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
 "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

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.

WAIVER

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.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_



# 1007

DATE 8-16-82

WELL NO. RUNNION-1

API NO. 47-073 1532

State of West Virginia

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Energex Oil & Gas Corp.

DESIGNATED AGENT Walter H. Allen

Address P. O. Box 5306, Vienna, WV 26105

Address P.O. Box 5306, Vienna, WV

Telephone (304) 295-8501

Telephone (304) 295-8501

LANDOWNER CHARLES A. RUNNION

SOIL CONS. DISTRICT UPPER OHIO

Revegetation to be carried out by Energex Oil and Gas Corporation

(Age)

This plan has been reviewed by \_\_\_\_\_  
and additions become a part of this plan: \_\_\_\_\_

Upper Ohio

SCD. All corrections

8/26/82

(Date)

Kenneth R. Mason

(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert (12" MIN) (A)

Structure \_\_\_\_\_

Spacing If Necessary

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure Stone (CRUSHED) (B)

Structure \_\_\_\_\_

Spacing If Necessary

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_

Structure \_\_\_\_\_

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

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DEPT. OF MINES

SKETCH

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

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

Lime \_\_\_\_\_ Tons/acre  
or correct to pH \_\_\_\_\_

Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)

Fertilizer \_\_\_\_\_ lbs/acre  
(10-20-20 or equivalent)

Mulch 2 Tons/acre

Mulch \_\_\_\_\_ Tons/acre

Seed\* KY FESCUE 40 lbs/acre

Seed\* \_\_\_\_\_ lbs/acre

LADINE CLOVER 8 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.

PLAN PREPARED BY Kenneth R. Mason

ADDRESS P. O. Box 5306

Vienna, WV 26105

PHONE NO. (304) 295-8501

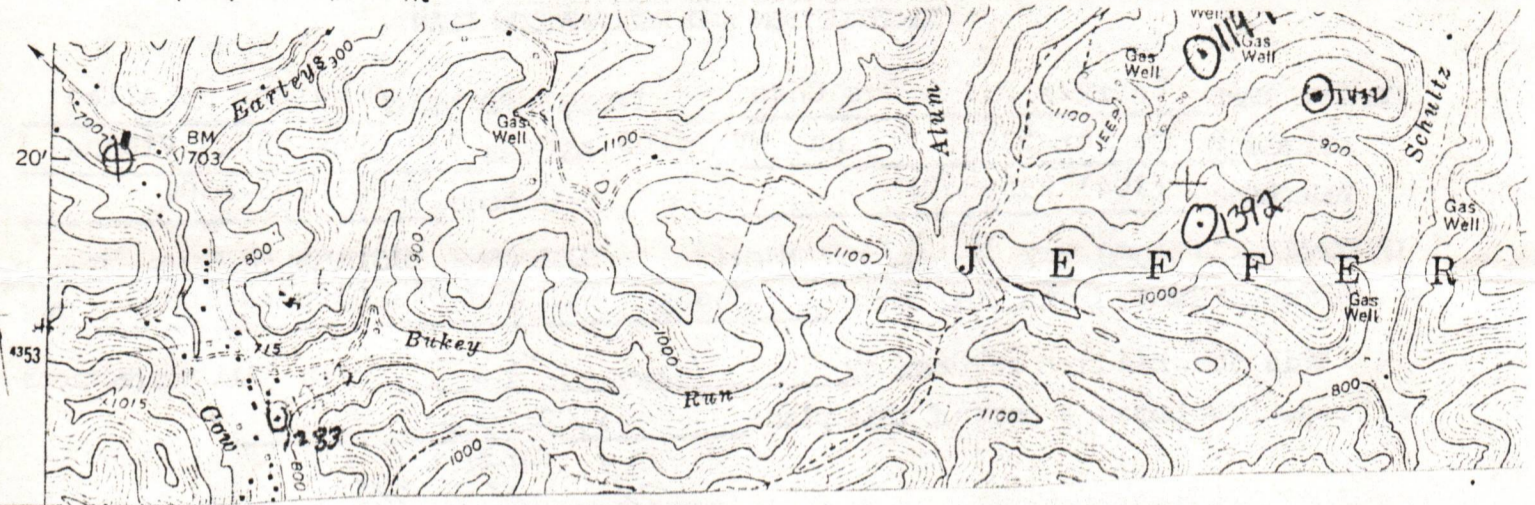
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE SCHULTZ

LEGEND

Well Site ⊕

Access Road ———



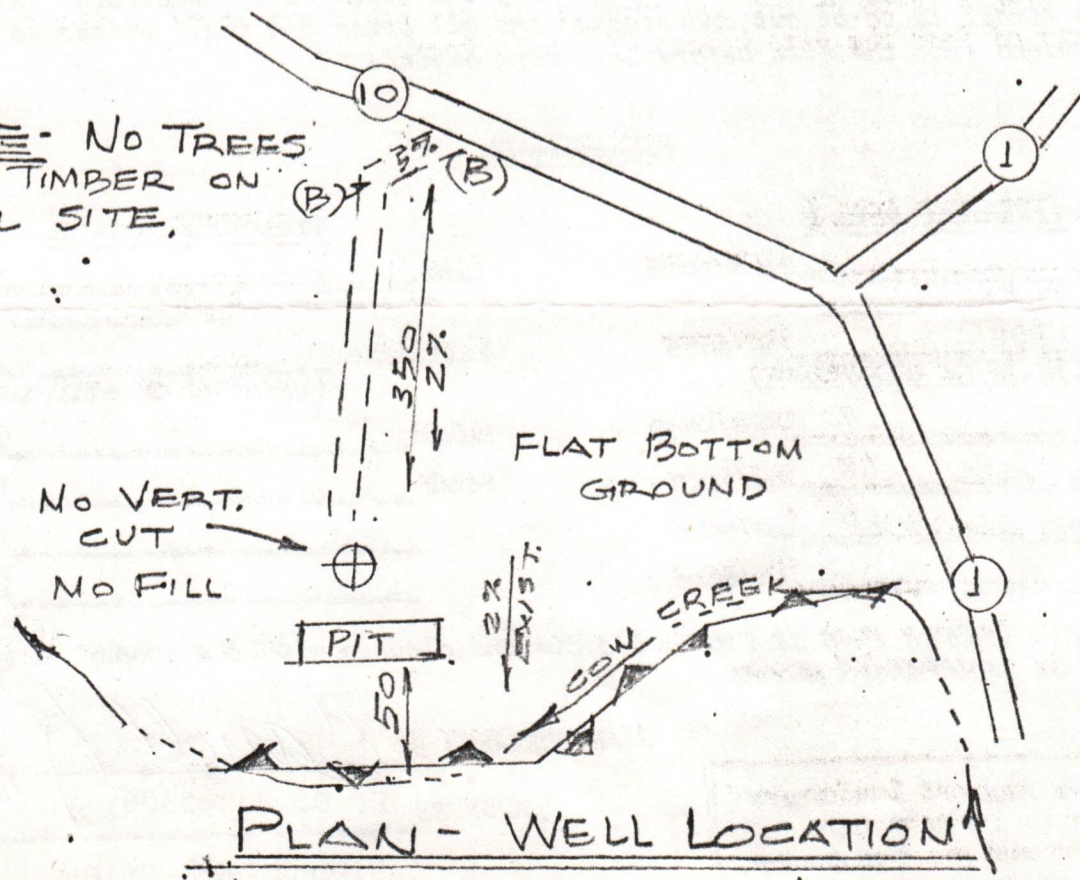
WELL SITE PLAN

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

LEGEND

Property boundary ———	Diversion ———
Road = = = = =	Spring ⊕ →
Existing fence — x — x —	Wet spot ⊕
Planned fence — / — / —	Building [ ]
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ —
Open ditch — ···· — ···· —	Waterway ← = = = = →

NOTE - NO TREES OR TIMBER ON WELL SITE.



# OIL AND GAS LEASE

BOOK 175 PAGE 201

AGREEMENT, made and entered into this 10TH day of MAY A. D. 1982,  
by and between CHARLES A. RUNNION AND MURL RUNNION  
RT # 1, ST. MARYS, W. VA 26170

SSH 234-12-0064

of \_\_\_\_\_ party of the first part, hereinafter called Lessor (whether one or more),  
and ENERGEX OIL AND GAS CORP party of the second part, hereinafter called Lessee;

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey

the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in JEFFERSON District, County of PLEASANTS, State of W. VA, and described as follows, to-wit: Bounded on the

NORTH by lands of \_\_\_\_\_

EAST by lands of E CORNELL

SOUTH by lands of SPARKS

WEST by lands of BILL MASTON, OTHERS

Containing 3.77 ± acres, more or less and being the same as conveyed to Lessor by \_\_\_\_\_

by deed dated \_\_\_\_\_ and recorded in said county records in \_\_\_\_\_

Book No. \_\_\_\_\_ Page \_\_\_\_\_

2. It is agreed that this lease shall remain in force for a primary term of 6 MONTHS years from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof.

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor \_\_\_\_\_

1/8 ONE-EIGHTH OF ALL PROCEEDS  
for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before NOV. 10, 1982, unless Lessee \_\_\_\_\_  
OR LEASE WILL BE VOID

\_\_\_\_\_ months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to SAME AS ABOVE direct, or by check payable to his (or her) order mailed to \_\_\_\_\_

and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

7. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights-of-way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental at the rate of \_\_\_\_\_ per acre per year, while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

This instrument prepared by DARRELL R. BOICE

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OCT 12 1982  
OIL & GAS DIVISION  
DEPT. OF MINES

PAID

15. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

1. PAY 100.00 NOW AND 550.00 2 MONTHS BEFORE WELL IS DRILLED  
2. LESSOR WILL ABANDONED EXISTING WELL BEFORE DRILLING OPERATIONS ARE COMMENCED.

Witness the hands and seals of the parties hereto the day and year first above written.

WITNESS:

Harrell Davis  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Charles A. Runnion (SEAL)  
Muriel Runnion (SEAL)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (SEAL)

3. LESSOR WILL STAY ON THE AGREED RIGHT OF WAY TO THE WELL SITE.

STATE OF W. VA. }  
COUNTY OF Wood } SS.

Before me, a Notary Public in and for said county, personally appeared the above named Charles A. Runnion and Muriel Runnion

who acknowledged that they did sign the foregoing instrument, and that the same is their free act and deed. In testimony whereof I have hereunto subscribed my name at Kianna, W. Va., this 16th day of May, 1982.

Sharon A. Barker  
Notary Public

My Commission expires Nov. 13, 1988

ASSIGNMENT OF LEASE

For and in consideration of the sum of one dollar to me in hand paid, I, \_\_\_\_\_ do hereby sell, assign and transfer all of my right, title and interest in the within oil and gas lease on and to \_\_\_\_\_, heirs, successors and assigns.

Witness my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_  
WITNESS:

STATE OF W. VA. }  
COUNTY OF \_\_\_\_\_ } ss.

Personally appeared before me, a \_\_\_\_\_, in and for said County \_\_\_\_\_, who acknowledged the signing of the foregoing instrument to be \_\_\_\_\_ voluntary act and deed for the uses and purposes therein mentioned.

In testimony whereof, I have hereunto set my hand and affixed my \_\_\_\_\_ seal this \_\_\_\_\_ day of \_\_\_\_\_, A. D., 19 \_\_\_\_\_  
My commission expires \_\_\_\_\_  
Notary Public, Justice of the Peace.

RECEIVED FOR RECORD AND RECORDED IN THE OFFICE OF THE CLERK OF THE COUNTY OF PLEASANTS COUNTY

Page 201 Fee \$

RECORDING

Date	_____
Acres	_____
Location	_____
County	_____
Term	_____

Oil a

STATE OF WEST VIRGINIA, COUNTY OF PLEASANTS, TO-WIT:  
OFFICE OF THE CLERK OF THE COUNTY COURT OF PLEASANTS COUNTY.  
The foregoing paper writing was this day 6/16/82, at 10:40 AM presented for record in my office, and thereupon, together with the certificate thereto annexed, is admitted to record.  
Teste: Juda W. Hammett Clerk,  
County Court of Pleasants County

RECEIVED

JAN 26 1983

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES



IV-35  
(Rev 8-81)

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date January 3, 1983  
Operator's Runnion 1  
Well No. Runnion 1  
Farm Charles Runnion  
API No. 47 - 073 - 1532

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

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

LOCATION: Elevation: 691' Watershed Cow Creek  
District: Jefferson County Pleasants Quadrangle Schultz

COMPANY Energex Oil & Gas Corp.  
ADDRESS 105 Alta St., Marietta, OH 45750  
DESIGNATED AGENT Darrell Boice  
ADDRESS P.O. Box 5306, Vienna, WV 26105  
SURFACE OWNER Charles & Murl Runnion  
ADDRESS Rt. #1, St., Marys, WV  
MINERAL RIGHTS OWNER Charles & Murl Runnion  
ADDRESS Rt. #1, St., Marys, WV  
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther  
ADDRESS Middlebourne, WV 26140  
PERMIT ISSUED Oct. 13, 1982  
DRILLING COMMENCED Oct. 30, 1982  
DRILLING COMPLETED Dec. 21, 1982

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	250	250	to surf.
13-10"			
9 5/8			
8 5/8	840	840	24 sks
7			
5 1/2		1928	210 sks
4 1/2			
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON NA

GEOLOGICAL TARGET FORMATION Berea Depth 2000 feet  
Depth of completed well 1938 feet Rotary     / Cable Tools X  
Water strata depth: Fresh 60 feet; Salt NONE feet  
Coal seam depths: NONE Is coal being mined in the area? No.

OPEN FLOW DATA  
Producing formation Squaw Pay zone depth 1507 feet  
Gas: Initial open flow 220 Mcf/d Oil: Initial open flow Trace Bbl/d  
Final open flow 80 Mcf/d Final open flow 25 Bbl/d  
Time of open flow between initial and final tests 24 hours  
Static rock pressure 550 psig (surface measurement) after 24 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)

PLEASANTS 1532

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

Perfs. 1507 to 1511' 9-, 41 holes

Hydraulic fracture  
250 gal hcl  
528 bbls H2O  
7,500 lbs. 20/40 sand  
Bk Dwn. 3,000 Psi.  
Inj. rate 10 bbls min.  
isip 1300 Psi.

WELL LOG

FORMATION	COLOR	HARD OR SOFT		TOP FEET	BOTTOM FEET	REMARKS
						Including indication of all fresh and salt water, coal, oil and gas
Surf.	R		X	0	100	Soil & Rock
Shales	H		X	100	1250	S.S. Shale
Big Lime	G	X		1250	1280	
Maxon	W		X	1280	1302	Sand & Shales
Shale	H	X		1302	1332	Shales & Siltstone
Big Injun	W	X		1332	1460	Sand & Shales
Shale & Sand	H	X	X	1460	1506	Shale & Sand
Squaw	W	X		1506	1516	Show of Oil & Gas
Shale	H	X	X	1516	1938	Shales & Sand
					T.D.	

(Attach separate sheets as necessary)

ENERGEX OIL & GAS CORPORATION

Well Operator

By: Robert M. Poolish, SECRETARY  
Date: JAN. 25, 1983

Note: Regulation 8.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including those encountered in the working of a well."



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

RECEIVED

NOV 22 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1532

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Energex oil &amp; gas</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Vienna W. Va</u>	Size			
Farm <u>Runnion</u>	16			Kind of Packer _____
Well No. _____	13			
District <u>Jefferson</u> County <u>Pleasant</u>	10	<u>250</u>	<u>250</u>	Size of _____
Drilling commenced _____	8 1/2			
Drilling completed _____ Total depth <u>303</u>	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>10</u> SIZE <u>250</u> No. FT. <u>11-18-82</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Houghts INC</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

11-20-82  
DATE

R.A. Lowther  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks:

\_\_\_\_\_  
DATE I hereby certify I visited the above well on this date.

\_\_\_\_\_  
DISTRICT WELL INSPECTOR

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

RECEIVED

DEC - 2 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1532

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Energex oil & Gas  
 Address Vienna w. Va.  
 Farm Runnion  
 Well No. 1  
 District Jefferson County Pleasant  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth 895  
 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	<u>841</u>		
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 SIZE 841 No. FT11-25-82 Date  
 NAME OF SERVICE COMPANY Dowell  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks: Casing cemented at Bottom Left Hand Thread  
214' from Bottom, after completion all but  
214' will be retrieved

11-29-82

DATE

R. A. Lowther

DISTRICT WELL INSPECTOR

Form 26  
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED				BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ DATE I hereby certify I visited the above well on this date.

\_\_\_\_\_  
DISTRICT WELL INSPECTOR

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

RECEIVED

DEC 16 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1532

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Energex Oil & Gas  
 Address Vienna W. Va.  
 Farm Charles A Runnion  
 Well No. 1  
 District Jefferson County Pleasant  
 Drilling commenced \_\_\_\_\_  
 Drilling completed 12-12-82 Total depth 1940  
 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 3/8			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: show of oil 965-972  
" " Gas 1514-1518

12-13-82  
DATE

R.A. Lowther  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_  
DATE I hereby certify I visited the above well on this date.  
\_\_\_\_\_  
DISTRICT WELL INSPECTOR



State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

**RECEIVED**  
JUN 26 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
February 29, 1984

COMPANY Energex Oil & Gas Corporation  
105 Alta Street  
Marietta, Ohio 45750-0905

PERMIT NO 073-1532 (10-82)  
FARM & WELL NO Charles Runnion # 1  
DIST. & COUNTY Jefferson/Pleasants

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strenght	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

SIGNED Robert A. Lowther  
DATE June 22, 1984

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.

J. H. v. B.  
Administrator-Oil & Gas Division

July 19, 1984

DATE

RECORDED  
JAN 27 1983

FERC-121

OIL & GAS DIVISION

1.0 API well number: (If not available, leave blank. 14 digits.)	47-073-1532	DEPT. OF MINES		
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	1511	feet		
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Energex Oil & Gas Corp. Name 105 Alta Street Street Marietta, OH 45750 City State Zip Code			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Schultz Field Name Pleasants WV County State			
(b) For OCS wells:	- Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Runnion 1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	-			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Consolidated Gas Supply Corp. Name Buyer Code			
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated annual production:	75 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	. NA	. NA	. NA	. NA
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.722	.235	. -	2.957
9.0 Person responsible for this application:	R. M. Goolrick Secretary Name Title Signature Jan. 27, 1983 614-373-6644 Date Application is Completed Phone Number			

Agency Use Only
Date Received by Juris. Agency <b>JAN 27 1983</b>
Date Received by FERC



PARTICIPANTS:

DATE: APR 20 1983

BUYER-SELLER CODE

WELL OPERATOR: Energex Oil & Gas Corp.

FIRST PURCHASER: Consolidated Gas Supply Corp.

OTHER: \_\_\_\_\_

\_\_\_\_\_  
004228  
\_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER  
830127-103-073-1532  
Use Above File Number on all Communications  
Relating to Determination of this Well

~~Approved~~  
~~\* 22-4-83~~ ~~No BWP~~

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
1. FERC -121  Items not completed - Line No. 2.0 NA, 8.0 C
  2. IV-1 Agent Darrell Boice
  3. IV-2 Well Permit
  4. IV-6 Well Plat
  5. IV-35 Well Record  Drilling  Deepening
  6. IV-36 Gas-Oil Test: Gas Only  Was Oil Produced?  Ratio
  7. IV-39 Annual Production  years
  8. IV-40 90 day Production  Days off line:
  9. IV-48 Application for certification. Complete?
  17. IV Form 51 - 52 - 53 - (54) - 55 - 56 - 57 - 58 Complete?  Affidavit Signed
  28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
Gas Analyses \_\_\_\_\_
  - (5) Date commenced: 10-30-82 Date completed 12-21-82 Deepened
  - (5) Production Depth: 1507
  - (5) Production Formation: Squaw
  - (5) Final Open Flow: 80 MCF
  - (5) After Frac. R. P. 550# 24 hrs.
  - (6) Other Gas Test: \_\_\_\_\_
  - (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
  - (8) Avg. Daily Gas from 90-day ending w/1-120 days \_\_\_\_\_
  - (9) Line Pressure: \_\_\_\_\_ PSIG from Daily Report \_\_\_\_\_
  - (10) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
  - Does lease inventory indicate enhanced recovery being done No
  - Is affidavit signed?  Notarized?
  - Official well record with the Department confirm the submitted information? yes
  - Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
  - Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

713

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

Date Jan. 27, 1983

Operator's Well No. Runnion 1

API Well No. 47 - 073 - 1532  
State County Permit

Previous File No. \_\_\_\_\_  
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Energex Oil & Gas Corp.

ADDRESS 105 Alta St.  
Marietta, OH 45750

DESIGNATED AGENT Darrell Boice

ADDRESS P. O. Box 5306  
Vienna, WV 26105

Gas Purchase Contract No. None Yet and Date NA  
Meter Chart Code NA (Month, day and year)

Name of First Purchaser Consolidated Gas Supply Corp.  
445 W. Main St.  
Clarksburg, WV 26301  
(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_ FERC Buyer Code \_\_\_\_\_

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 Section of NGPA Category Code \_\_\_\_\_
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Robert M. Goolrick Secretary  
Name (Print) Title  
Robert M. Goolrick  
Signature  
105 Alta St.  
Street or P. O. Box  
Marietta, OH 45750  
City State (Zip Code)  
614 373-6644  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

A copy of this Application and supporting documents has been mailed, first-class postage prepaid, to the above-named Purchaser.

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978, (NGPA);  for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_

Initial review of information submitted indicates the well  is,  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

JAN 27 1983

Date received by  
Jurisdictional Agency \_\_\_\_\_

By [Signature] Director  
Title \_\_\_\_\_

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

Date Jan. 27, 19 83

Operator's Well No. Runnion 1

API Well No. 47 - 073 - 1532  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Darrell Boice  
ADDRESS P. O. Box 5306  
Vienna, WV 26105

WELL OPERATOR Energex Oil & Gas Corp.  
ADDRESS 105 Alta St.  
Marietta, OH 45750

LOCATION: Elevation 691'  
Watershed Cow Creek  
Dist. Jefferson County Pleasants Quad. Schultz

GAS PURCHASER Consolidated Gas Supply Corp.  
ADDRESS 445 W. Main St.  
Clarksburg, WV 26301

Gas Purchase Contract No. N/A  
Meter Chart Code N/A  
Date of Contract N/A

\* \* \* \* \*

Date surface drilling was begun: October 30, 1982

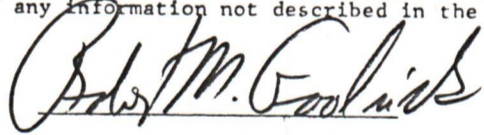
Indicate the bottom hole pressure of the well and explain how this was calculated:

550 psig (24-hour test)

$$BHP = P_1 + P_2 (e^{GL/53.34 T} - 1)$$

AFFIDAVIT

I, Robert M. Goolrick, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.



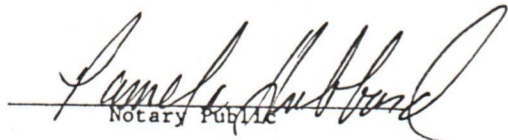
STATE OF WEST VIRGINIA,  
COUNTY OF Wood, TO WIT:

I, Pamela Hubbard, a Notary Public in and for the state and county aforesaid, do certify that Robert M. Goolrick whose name is signed to the writing above, bearing date the 27th day of January, 19 83, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 27th day of January, 19 83.

My term of office expires on the 2nd day of December, 19 84.

[NOTARIAL SEAL]

  
Notary Public



State of West Virginia  
 Department of Mines  
 Oil and Gas Division  
 Charleston 25305

WALTER N. MILLER  
 DIRECTOR

THEODORE M. STREIT  
 ADMINISTRATOR

IN THE MATTER OF )  
 PERMIT DENIAL AS )  
 PROVIDED IN W. VA. )  
 CODE 22-4-1(k)(i) )

CAUSE NO. 40-D  
 ORDER NO. 2

REPORT OF THE OFFICE

Pursuant to the powers of the administrator in denying permits, under 22-4-1(k)(i) the office has issued the following order:

FINDINGS OF FACT

The following violations have been abated this date for Energex Oil & Gas Corp. :

47-073-1458	Reclamation	7-8-83	Abatement Date
47-073-1470	Reclamation	7-8-83	Abatement Date
47-073-1471	Reclamation	7-8-83	Abatement Date
47-073-1510	Reclamation	7-8-83	Abatement Date
47-073-1532	Reclamation	7-8-83	Abatement Date ✓

CONCLUSION OF LAW

The Office of Oil and Gas of the Department of Mines has authority to issue Orders to implement 22-4-et. seq. of the Code as outlined in 22-4-1g through 22-4-1k of the Code.

ORDER

Wherefore, it is hereby ordered that order Number 1 of this Cause is rescinded and permits may be issued again.

Entered in Charleston, West Virginia, this 18th day of April, 1984.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

OFFICE OF OIL AND GAS  
 OF THE DEPARTMENT OF MINES  
 OF THE STATE OF WEST VIRGINIA

By: *T M Streit*  
 Theodore M. Streit, Administrator

IV-27  
11/23/81



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Date: July 1 1983  
Well No: 1  
API NO: 47 - 073 1532  
State County Permit

**Oil and Gas Division  
NOTICE OF VIOLATION**

WELL TYPE: Oil \_\_\_ / Gas  Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production  / Storage \_\_\_ / Deep \_\_\_ / Shallow  /  
LOCATION: Elevation: 696 Watershed: Cow Creek  
District: Jefferson County: Pleasant Quadrangle: Schultz  
WELL OPERATOR Energex Oil & Gas Corp DESIGNATED AGENT Darrell Boice  
Address 105 Alta St Address P.O. Box 5306  
Marionetta O. 45750 Vienna W.Va. 26105

The above well is being posted this 1 day of July, 1983, for a violation of Code 22-4-12B and/or Regulation \_\_\_\_\_, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Failure to Re Claim well site within 6 months after completion of Drilling*

**RECEIVED**

JUL - 5 1983

OIL & GAS DIVISION  
DEPT. OF MINES

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until July 8, 1983, to abate this violation.

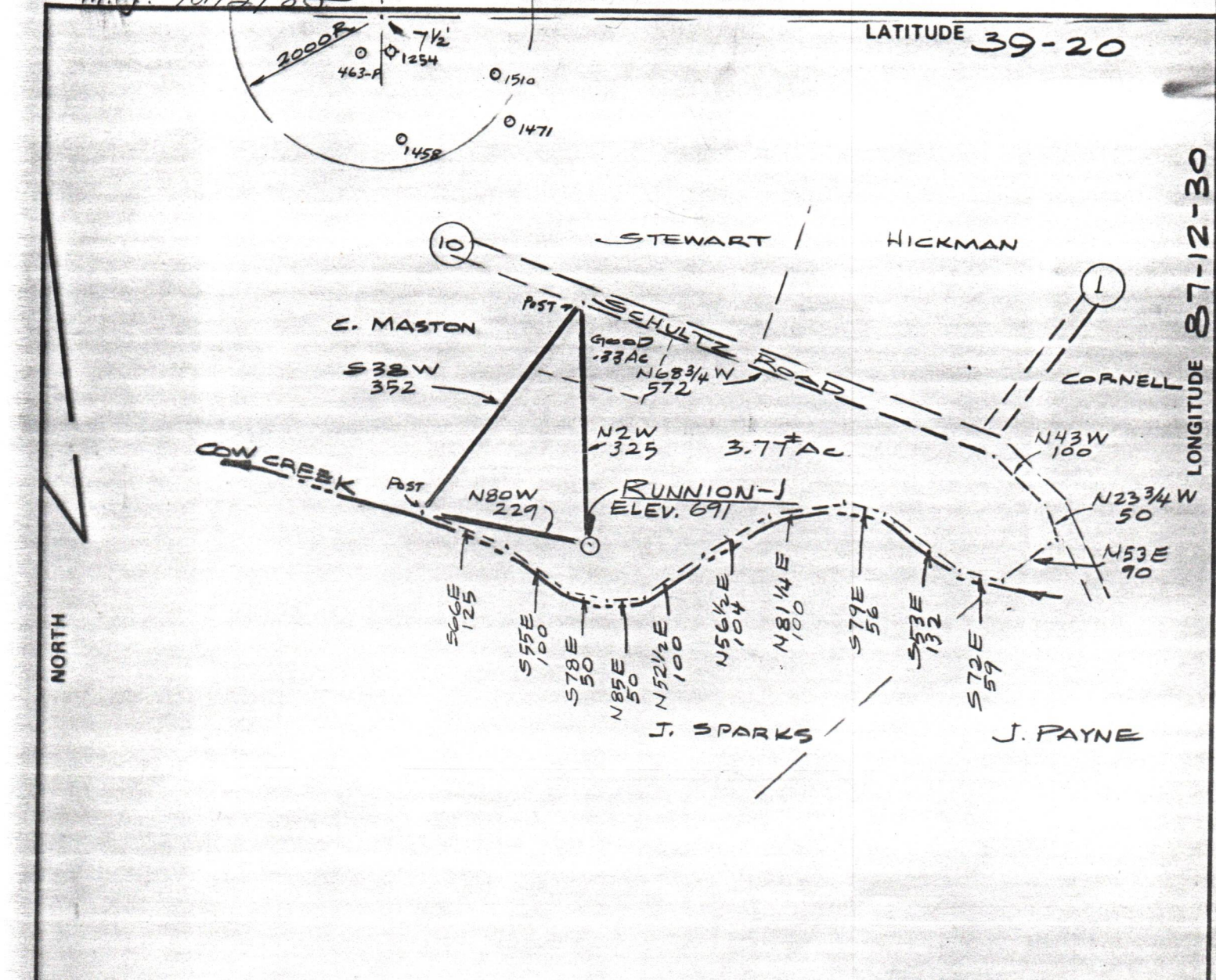
Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Robert A. Lawther  
Oil and Gas Inspector

Address Middlebourne  
W.Va. 26149

Telephone: 758-4764





NOTE ALL WELLS WITHIN 2000 RADIUS SHOWN

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 200'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION BM 703  
USGS

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) Darrell R. Boice  
 R.P.E. \_\_\_\_\_ L.L.S. 667

PLACE SEAL HERE

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



DATE OCT 1, 19 82  
 OPERATOR'S WELL NO. RUNNION-1  
 API WELL NO. \_\_\_\_\_  
47-073-1532  
 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 691 WATER SHED COW CREEK  
 DISTRICT JEFFERSON COUNTY PLEASANTS  
 QUADRANGLE SCHULTZ 7 1/2  
 SURFACE OWNER CHARLES RUNNION ACREAGE 3.77#  
 OIL & GAS ROYALTY OWNER CHARLES RUNNION LEASE ACREAGE 3.77#  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL \_\_\_\_\_ 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 MARCELLUS ESTIMATED DEPTH 4000'  
 WELL OPERATOR ENERGEX OIL & GAS DESIGNATED AGENT WALTER H. ALLEN  
 ADDRESS P.O. Box 5306 ADDRESS P.O. Box 5306  
VIENNA, W.VA. 26105 VIENNA, W.VA. 26105

PLEASANTS - 1532