

(12-01)

PERMIT TO DRILL

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

DRILLING CONTRACTOR (IF KNOWN) Paul Drilling Corp.
Address P.O. Box 1841
Parkersburg, WV 26101

GEOLOGICAL TARGET FORMATION, MARCELLUS SHALE

Estimated depth of completed well, 4000 feet Rotary X / Cable tools /
Approximate water strata depths: Fresh, 370 feet; salt, 624 feet.
Approximate coal seam depths: N/A Is coal being mined in the area? Yes / No X /

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		Kinds	Sizes
Conductor	11"	ST-C	24		X	400	400	to surface		
Fresh Water	85/8	ST-C	24	X		1000	1000	fill-up 150'		
Coal										
Intermediate										
Production	4 1/2	ST-C	9 1/2	X		4000	4000	fill-up above 2nd Cow Run		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 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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 6-5-83
BY [Signature]

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

STAMPED COPY



#1016
DATE AUG 1, 1982
WELL NO. FOX - 1
API NO. 47 - 073 1530

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, W
Telephone (304) 295-8501 Telephone (304) 295-8501
LANDOWNER W. G. FOX SOIL CONS. DISTRICT UPPER OHIO
Revegetation to be carried out by Energex Oil and Gas Corporation (Age _____)

This plan has been reviewed by UPPER OHIO SCD. All corrections and additions become a part of this plan: 9/9/82 (Date)
Kenneth R. Boice (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culvert (12" MIN)</u> (A)	Structure _____
Spacing <u>If Necessary</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>Stone (CRUSHED)</u> (B)	Structure _____
Spacing <u>If Necessary</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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OIL & GAS DIVISION
DEPT. OF MINES

SEE 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

Lime _____ Tons/acre
or correct to pH 6.5

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

Mulch 2 Tons/acre

Seed* KY PESCUE 40 lbs/acre
LADINE CLOVER 8 lbs/acre
_____ lbs/acre

Treatment-Area II

Lime _____ Tons/acre
or correct to pH _____

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

Mulch _____ Tons/acre

Seed* _____ 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. Boice
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.

AGREEMENT, made and entered into this 1st day of March A. D. 1982

by and between William G. Fox and Pauline D. Fox
SS "235-20-2423" & SS "232-40-9897"

of Box 233, Belmont WV 26134 party of the first part, hereinafter called Lessor (whether one or more),
 and Energy Oil & Gas Corp., Box 5305, Vienna, WV 26105 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 Washington District, County of Pleasants, State of West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of St. Marys

EAST by lands of Boley Heirs

SOUTH by lands of Clifford Cunningham

WEST by lands of Quaker State Oil Refinery

Containing (31) thirty-one acres, more or less and being the same land conveyed to lessor by

Artie M. Fox by deed dated August 3, 1977 and

recorded in said county records in Pleasants Book No. 148 Page 15

2. It is agreed that this lease shall remain in force for a primary term of (1) one 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

one-eighth (1/8) 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 March 8th, 1982, unless Lessee

pays thereafter a rental of \$155.00 for each six 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 William G. or Pauline D. Fox

direct, or by check payable to his (or her) order mailed to Box 233, Belmont, WV, 26134,

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 term 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.

STATE OF OREGON DEPARTMENT OF MINES

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OCT 04 1982

OIL & GAS DIVISION
DEPT. OF MINES

IV-35
(Rev 8-81)



State of West Virginia

Department of Mines
Oil and Gas Division

Date December 28, 1982
Operator's Well No. Fox 1
Farm William Fox
API No. 47 - 073 - 1530

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

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

LOCATION: Elevation: 1074' Watershed Barkwell Creek
District: Washington County Pleasants Quadrangle Raven Rock

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 W. G. Fox
ADDRESS Rt. 233, Belmont, WV 26134
MINERAL RIGHTS OWNER W. G. Fox et al.
ADDRESS Rt. 233, Belmont, WV 26134
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS Middlebourne, WV 26140
PERMIT ISSUED Oct. 4, 1982
DRILLING COMMENCED Oct. 10, 1982
DRILLING COMPLETED Oct. 16, 1982
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON NOT APPLICABLE

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	400	400	to surf.
9 5/8			
8 5/8	1000	1000	fill-up 150'
7			
5 1/2			
4 1/2	3701	3701	Fill-up above 2nd Cow Run
3			
2			
Liners used			

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GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 4000 feet
Depth of completed well 3701 feet Rotary X / Cable Tools
Water strata depth: Fresh 370 feet; Salt 624 feet
Coal seam depths: None Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 2950-3220 feet
Gas: Initial open flow 400 Mcf/d Oil: Initial open flow 25 Bbl/d
Final open flow 250 Mcf/d Final open flow 20 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 780 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, 1530

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

Perforated 2950-60' (6 shots), 3000-21' (11 shots), 3130-41' (six shots), 3200-20' 11 (shots).

Fractured with 350 gallons of HCL acid and 1200 Mcf nitrogen.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale		Gray	0	175	
Sand		Gray	176	225	
Shale - Sand		Gray	226	250	
Shale		Gray	251	475	
Lime		White	476	650	
Shale		Gray	651	725	
Shale		Black	725	800	
Rock		Red	801	950	
Shale		Gray	950	1300	
Salt Sand		White	1301	1510	
Shale		Gray	1511	1850	
Big Lime		Green	1851	1900	
Big Injun		Sand	1900	1912	
Shale		Gray	1913	1960	
Lime		Gray	1961	2250	
Shale		Brown	2251	2295	
Berea Sand		White	2296	2300	
Shale		Gray	2301	2500	
Gordon Stray		Gray	2501	2540	
Shale		Gray	2541	2650	
Gordon Sand		Gray	2651	2675	
Shale		Gray	2675	3701 TD	

(Attach separate sheets as necessary)

ENERGEX OIL & GAS CORPORATION

Well Operator

By: Arthur M. Coolidge, SECRETARY

Date: DEC. 28, 1982

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 ... of a well."

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. 073-1530

Oil or Gas Well _____
(KIND)

Company Energex oil & Gas
 Address Vienna W. Va.
 Farm W. G. Fox
 Well No. 1
 District Washington County Pleasant
 Drilling commenced 10-11-82
 Drilling completed _____ Total depth 411
 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			Size of _____
<u>11 3/4</u>	<u>393</u>	<u>393</u>	Depth set _____
8 1/4			Perf. top _____
6 5/8			Perf. bottom _____
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED 11 3/4 SIZE 393 No. FT 10-12-82 Date
 NAME OF SERVICE COMPANY Haight inc
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Cemented with 310 sks class A cement
Cement Returned to surface

10-12-82

DATE

R.A. Loutley
DISTRICT WELL INSPECTOR

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. 073-1530

Oil or Gas Well _____
(KIND)

Company Energex oil & Gas
 Address Vienna w. Va
 Farm Fox
 Well No. 1
 District Washington County Pleasant
 Drilling commenced _____
 Drilling completed _____ Total depth 1200
 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 5/8	1200	1200	
6 3/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 5/8 SIZE 12 1/8 No. FT 10-14-82 Date
 NAME OF SERVICE COMPANY Houghts
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____
 Remarks: cemented with 50 lbs Class A cement

10-14-82
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

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JUN 26 1984

OIL & GAS DIVISION

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 29, 1984

DEPT. OF MINES

COMPANY Energex Oil & Gas Corporation

PERMIT NO 073-1530 (9-82)

105 Alta Street

FARM & WELL NO William Fox # 1

Marietta, Ohio 45750-0905

DIST. & COUNTY Washington/Pleasants

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

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

SIGNED Robert H. Fowler

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.

TLL r AB

Administrator-Oil & Gas Division

July 19, 1984

DATE

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JAN 3 1983

FERC-121

OIL & GAS

DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-073-1530																		
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA																		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	3220 feet																		
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<table style="width:100%; border: none;"> <tr> <td colspan="2">Energex Oil & Gas Corp.</td> <td style="text-align: right;">None</td> </tr> <tr> <td colspan="2">Name</td> <td style="text-align: right;">Seller Code</td> </tr> <tr> <td colspan="3">105 Alta St.</td> </tr> <tr> <td colspan="3">Street</td> </tr> <tr> <td>Marietta,</td> <td style="text-align: center;">OH</td> <td style="text-align: right;">45740</td> </tr> <tr> <td>City</td> <td style="text-align: center;">State</td> <td style="text-align: right;">Zip Code</td> </tr> </table>	Energex Oil & Gas Corp.		None	Name		Seller Code	105 Alta St.			Street			Marietta,	OH	45740	City	State	Zip Code
Energex Oil & Gas Corp.		None																	
Name		Seller Code																	
105 Alta St.																			
Street																			
Marietta,	OH	45740																	
City	State	Zip Code																	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<table style="width:100%; border: none;"> <tr> <td colspan="2">Raven Rock Quadrangle</td> </tr> <tr> <td colspan="2">Field Name</td> </tr> <tr> <td>Pleasants County,</td> <td style="text-align: right;">WV</td> </tr> <tr> <td>County</td> <td style="text-align: right;">State</td> </tr> </table>	Raven Rock Quadrangle		Field Name		Pleasants County,	WV	County	State										
Raven Rock Quadrangle																			
Field Name																			
Pleasants County,	WV																		
County	State																		
(b) For OCS wells:	<table style="width:100%; border: none;"> <tr> <td style="text-align: center;">N/A</td> <td style="text-align: right;">Block Number</td> </tr> <tr> <td colspan="2">Area Name</td> </tr> <tr> <td colspan="2" style="text-align: center;">Date of Lease:</td> </tr> <tr> <td style="text-align: center;">Mo. Day Yr.</td> <td style="text-align: right;">OCS Lease Number</td> </tr> </table>	N/A	Block Number	Area Name		Date of Lease:		Mo. Day Yr.	OCS Lease Number										
N/A	Block Number																		
Area Name																			
Date of Lease:																			
Mo. Day Yr.	OCS Lease Number																		
(c) Name and identification number of this well: (35 letters and digits maximum.)	Fox No. 1																		
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/A																		
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<table style="width:100%; border: none;"> <tr> <td colspan="2">Not determined</td> </tr> <tr> <td colspan="2">Name</td> </tr> <tr> <td colspan="2" style="text-align: right;">Buyer Code</td> </tr> </table>	Not determined		Name		Buyer Code													
Not determined																			
Name																			
Buyer Code																			
(b) Date of the contract:	<table style="width:100%; border: none;"> <tr> <td style="text-align: center;">N/A</td> <td style="text-align: right;">Mo. Day Yr.</td> </tr> </table>	N/A	Mo. Day Yr.																
N/A	Mo. Day Yr.																		
(c) Estimated annual production:	75 MMcf.																		
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">2.710</td> <td style="text-align: center;">.234</td> <td style="text-align: center;">-</td> <td style="text-align: center;">2.944</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	N/A	N/A	N/A	N/A	2.710	.234	-	2.944						
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N/A	N/A	N/A	N/A																
2.710	.234	-	2.944																
9.0 Person responsible for this application:	<table style="width:100%; border: none;"> <tr> <td style="width:50%;">Robert M. Goolrick</td> <td style="width:50%;">Secretary</td> </tr> <tr> <td>Name</td> <td>Title</td> </tr> <tr> <td colspan="2" style="text-align: center;"><i>Robert M. Goolrick</i></td> </tr> <tr> <td colspan="2" style="text-align: center;">Signature</td> </tr> <tr> <td style="text-align: center;">December 28, 1982</td> <td style="text-align: right;">614-373-6644</td> </tr> <tr> <td style="text-align: center;">Date Application is Completed</td> <td style="text-align: right;">Phone Number</td> </tr> </table>	Robert M. Goolrick	Secretary	Name	Title	<i>Robert M. Goolrick</i>		Signature		December 28, 1982	614-373-6644	Date Application is Completed	Phone Number						
Robert M. Goolrick	Secretary																		
Name	Title																		
<i>Robert M. Goolrick</i>																			
Signature																			
December 28, 1982	614-373-6644																		
Date Application is Completed	Phone Number																		

Agency Use Only
Date Received by Juris. Agency JAN 3 1983
Date Received by FERC

APR 20 1983

BUYER-SELLER CODE

PARTICIPANTS:

DATE:

WELL OPERATOR: Energex Oil & Gas Corp.

FIRST PURCHASER: Not determined

OTHER: _____

1500'

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
930103-103-073-1530
Use Above File Number on all Communications
Relating to Determination of this Well

* 22-4-80 ~~Deferred~~ No BHP Formations ~~not listed by name~~

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
1. FERC -121 Items not completed - Line No. All 20 808
 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?
 - 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed
 - 18-28. Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
Gas Analyses _____
 - (5) Date commenced: 10-10-82 Date completed 10-16-82 Deepened
 - (5) Production Depth: 2950-3220
 - (5) Production Formation: Devonian Shale
 - (5) Final Open Flow: 230 MCF
 - (5) After Frac. R. P. 780# 24hrs.
 - (6) Other Gas Test: _____
 - (7) Avg. Daily Gas from Annual Production: _____
 - (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
 - (8) Line Pressure: _____ PSIG from Daily _____
 - (5) Oil Production: _____ From Completion Report _____
 - 10-17. Does lease inventory indicate enhanced recovery being done NO
 - 10-17. Is affidavit signed? Notarized?
 - Does official well record with the Department confirm the submitted information? yes
 - Additional information _____ Does computer program confirm? _____
 - Was Determination Objected to _____ By Whom? _____

Operator's Well No. Fox No. 1

API Well No. 47 - 073 - 1530
State County Permit

Previous File No. _____
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Energex Oil & Gas Corp.

DESIGNATED AGENT Darrell Boice

ADDRESS 105 Alta St.

ADDRESS P. O. Box 5306

Marietta, OH 45750

Vienna, WV 26105

Gas Purchase Contract No. None and Date N/A
(Month, day and year)

Meter Chart Code N/A

Name of First Purchaser Not determined

(Street or P. O. Box)

(City) (State) (Zip Code)

FERC Seller Code None

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 for Well classification, and other documents filed herewith, has been served upon the purchaser named above (if any) by first-class mail.

(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); or 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 3 1983

Date received by
Jurisdictional Agency

Director
By [Signature]
Title _____

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

Date December 29, 1982

Operator's Fox No. 1
Well No. _____

API Well No. 47 - 073 - 1530
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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

GAS PURCHASER _____
ADDRESS _____

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

LOCATION: Elevation 1074'
Watershed Barkwell Creek
Dist Washington County Pleasants Quad Raven Rock

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

* * * * *

Date surface drilling was begun: October 10, 1982

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

720 psi (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.

Robert M. Goolrick

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 29th day of December, 19 82, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 29th day of December, 1982.

My term of office expires on the 2nd day of December, 1984.

[NOTARIAL SEAL]

Pamela Hubbard
Notary Public

RECEIVED
JAN 9 1983

FERC-121

OIL & GAS DIVISION

DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-073-1530			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA	3 Devonian Shale Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	3220 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		None Seller Code	
	105 Alta St. Street			
	Marietta, City	OH State	45750 Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Raven Rock Quadrangle Field Name			
	Pleasants County, County		WV State	
(b) For OCS wells:	N/A			
	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.)	Fox No. 1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/A			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Not determined Name Buyer Code			
(b) Date of the contract:	N/A 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.)	N/A	N/A	N/A	N/A
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	5.420	.467		5.887
9.0 Person responsible for this application:	Robert M. Goolrick Secretary			
Agency Use Only	Name		Title	
Date Received by Juris. Agency	Signature			
JAN 3 1983	December 28, 1982		614-373-6644	
Date Received by FERC	Date Application is Completed		Phone Number	

APR 20 1983

DATE:

BUYER-SELLER CODE

PARTICIPANTS:

WELL OPERATOR: Energex Oil & Gas Corp.

FIRST PURCHASER: Not determined

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
830103-107-073-1530
 Use Above File Number on all Communications
 Relating to Determination of this Well

~~DEFERRED~~
Worksheet

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
1. FERC -121 Items not completed - Line No. All 20 8.02
 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?
 - 10-17. IV Form 51 - 52 - 53 - 54 - (55) - 56 - 57 - 58 Complete? Affidavit Signed
 - 18-28. Other: Survey Logs Geological Charts
 Structure Map 1: 4000 Map Well Tabulations
 Gas Analyses
 - (5) Date commenced: 10-10-82 Date completed 10-16-82 Deepened
 - (5) Production Depth: 2950-3220
 - (5) Production Formation: Devonian Shale
 - (5) Final Open Flow: 230 MCF
 - (5) After Frac. R. P. 780# 24hrs.
 - (6) Other Gas Test: _____
 - (7) Avg. Daily Gas from Annual Production: _____
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 - (8) Line Pressure: _____ PSIG from Daily _____
 - (5) Oil Production: From Completion Report
 - 10-17. Does lease inventory indicate enhanced recovery being done NO
 - 10-17. Is affidavit signed? Notarized?
 - Does official well record with the Department confirm the submitted information? yes
 - Additional information _____ Does computer program confirm? _____
 - Is Determination Objected to _____ By Whom? _____

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

Date December 28, 1982

Operator's Well No. Fox No. 1

API Well No. 47 - 073 - 1530
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

Gas Purchase Contract No. None and Date N/A

Meter Chart Code N/A

Name of First Purchaser Not determined

DESIGNATED AGENT Darrell Boice

ADDRESS P. O. Box 5306

Vienna, WV 26105

(Month, day and year)

(Street or P. O. Box)

(City)

(State)

(Zip Code)

FERC Seller Code None

FERC Buyer Code -

TYPE OF DETERMINATION BEING SOUGHT

- (1) Initial determination (See FERC Form 121.) 107 Section of NGPA
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

3
Devonian Shale
Category Code

Robert M. Goolrick Secretary
Name (Print) Title

Signature *Robert M. Goolrick*

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 for Well classification, and other documents filed herewith, has been served upon the purchaser named above (if any) by first-class mail.

(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 3 1983

Date received by
Jurisdictional Agency

Director
By *[Signature]*
Title _____

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

Date December 29 1982
Well No. Fox No. 1
API Well No. 073 1530
State WV 073 1530

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE
MGPA Section 157

WELL OPERATOR Energex Oil & Gas Corp.
ADDRESS 105 Alta St.
Marietta, OH 45750
GAS PURCHASER Not determined
ADDRESS _____

DESIGNATED AGENT Darrell Boice
ADDRESS P. O. Box 5306
Vienna, WV 26105
LOCATION: Elevation 1074'
Watershed Barkwell Creek
Dis Washington County Pleasants Barkwell
Creek
Gas Purchase Contract No. N/A
Meter Chart Code N/A
Date of Contract N/A

Date surface drilling began: October 10, 1982

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

720 psi (24-hour test)

AFFIDAVIT

I, Gene Huck, having been first sworn according to law, state that, I have calculated the percentage of footage of the producing interval which is not Devonian shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described subparagraph (3)(1) or (3)(1)(A) has been filed, or as indicated by the report described in subparagraph (3)(1)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

Gene Huck

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 Gene Huck, whose name is signed to the writing above, bearing date the 29th day of December, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 29th day of December, 1982.
My term of office expires on the 2nd day of December, 1984.

Pamela Hubbard
Notary Public

[NOTARIAL SEAL]

DEVONIAN SHALE GAMMA RAY LOG ANALYSIS
 APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
 PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: Energex Oil & Gas Corp. Agent: Sharon A. Barker
 Type Determination being sought - 107 (Devonian Shale)
 API Well No.: 47-073-1530 Well Name: Fox #1
 West Virginia Office of Oil and Gas County: Pleasants Co.
 References: SJA File No.

Vol. Page Line

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 110 * API Units
2. Remarks: .

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 110 * API Units
2. Calculation: $0.7 \text{ (GR Value at Base Line)}$
 $0.7 \text{ (} \underline{110} \text{ *)} = \underline{77}$ API Units

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
2302'	2600'	298'	5'
2600'	3100'	500'	5'
3100'	3701'	601'	0

Total Devonian Interval 1399

Total Less Than 0.7 (Shale Base) 10

% Less Than 0.7 (Shale Base Line) = $\underline{.007} \times 100 = \underline{.7} \%$

*Marked on log included with analysis.
 **Top of Devonian Section Recorded on First Interval in this Column.
 ***Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

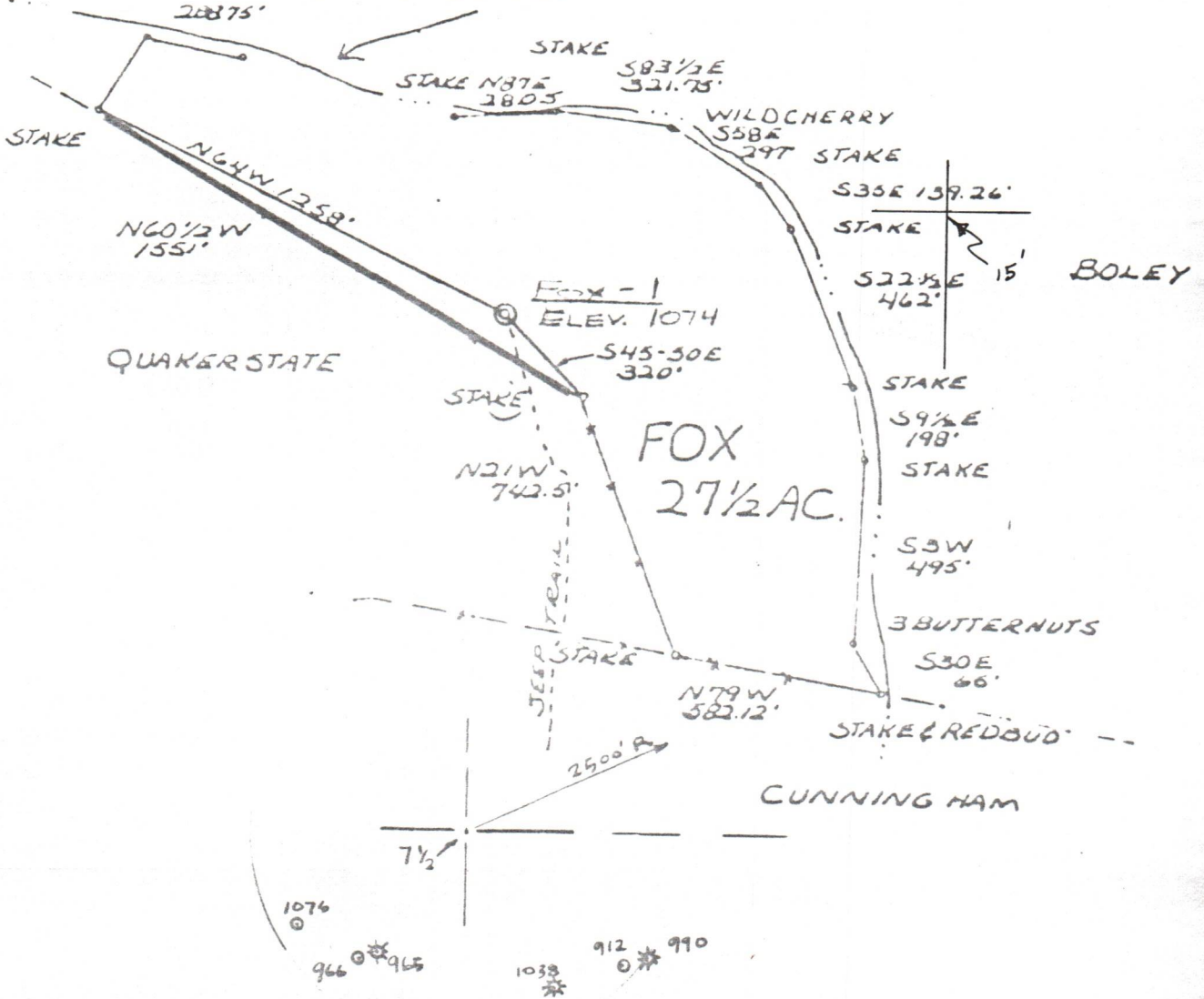
171.7 10/5/82

8870

LATITUDE 39-25

ST. MARYS

BARKWILL RUN



NOTE - WAS # 1055

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION BM 1122

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) Harold B. Kovic
 R.P.E. _____ L.S. 667

PLACE SEAL HERE

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

FORM IV-6 (8-78)



DATE 1 SEPT, 1982
 OPERATOR'S WELL NO. FOX-1
 API WELL NO. _____
47 - 073 - 1530
 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 1074 WATER SHED BARKWILL RUN
 DISTRICT WASHINGTON COUNTY PLEASANTS
 QUADRANGLE RAVEN ROCK 7 1/2
 SURFACE OWNER WILLIAM G. FOX ACREAGE 27 1/2
 OIL & GAS ROYALTY OWNER W. G. FOX ET AL LEASE ACREAGE 27 1/2
 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 ALLEN
 ADDRESS P.O. Box 5306 ADDRESS P.O. Box 5306
VIENNA, W. VA 26105 VIENNA, W. VA 26105

LONGITUDE 81-10

06511 1590

PLEAS. 1530