

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XXXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Fox Drilling Co., Inc. NAME Robert E. Fox
 ADDRESS P.O. Box 129, Glenville, WV 26351 ADDRESS P.O. Box 129, Glenville, WV 26351
 TELEPHONE 304-462-7353 TELEPHONE 304-462-7353
 ESTIMATED DEPTH OF COMPLETED WELL: 8200' ROTARY XXXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS XXXX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	20 ft.	20 ft.	
9 - 5/8			
8 - 5/8	950 ft.	950 ft.	250 sks. or CTS
7			
5 1/2			
4 1/2	8200	8200 ft.	675 sks. or to
3			Perf. Top <i>signature of rule</i>
2			Perf. Bottom <i>15.01</i>
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET SALT WATER N/A FEET
 APPROXIMATE COAL DEPTHS 350 , 450
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE Dec. 31, 1980

Surface Owner Coastal Lumber Co.

Company Fox Drilling Co., Inc.

Address Buckhannon, WV 26201

Address P.O. Box 129, Glenville, WV 26351

Mineral Owner Angelina Marrara, et al

Farm Gore Acres 850

Address Kingwood, WVa.

Location (waters) Tygart Valley River

Coal Owner Angelina Marrara

Well No. 1-0 Elevation 2090'

Address Kingwood, WVa.

District Valley County Barbour

Coal Operator No coal being mined.

Quadrangle Audra 7.5'

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 9-13-81.

INSPECTOR TO BE NOTIFIED Robert Stewart

ADDRESS Jane Lew, WVa.

PHONE 884-7782

J. J. Muzey
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Dec. 11, 1980 by Doran & Associates made to Fox Drilling Co. and recorded on the not yet recorded day of _____ 19 , in _____ County, Book _____ Page _____
XXXX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours, Fox Drilling Co., Inc.
(Sign Name) Robert E. Jay
Well Operator

P.O. Box 129
Street

Glenville, WV
City or Town

WVa 26351
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-001-1504

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by Robert E. Jay

A-10

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CERTIFICATE OF CONSENT AND EASEMENT

OIL & GAS DIVISION
DEPT. OF MINES

We, the undersigned, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, being all the owners of the surface of that certain lot, tract or parcel of land located in Valley District, Barbour County, State of West Virginia, shown on the attached plat or survey, do hereby consent and grant an easement, pursuant to West Virginia Code, Section 22-4A-7(b) (4) and Operating Rule 3.04 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, to Fox Drilling Co Inc, its successors or assigns, for the drilling and operation of a deep well for the production of oil or gas at the location shown on the attached plat or survey.

Executed this 30 day of Dec, 1980.

Coastal Lumber Co.
By Barry L. Cook
Lumber Division Mgr.

STATE OF WEST VIRGINIA, COUNTY OF UPshur To-wit:
I, Thurl Wilt
a Notary Public of said county of State wide do certify
that Barry L. Cook of Coastal Lumber Co
is signed to the writing above bearing date the 30 day of
Dec A. D. 1980 ha. 5 this day acknowledged the same before me in my said county.
Given under my hand this 30 day of Dec A. D. 1980

Thurl Wilt
My Commission expires 10 April 1990



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
CHARLESTON 25305

January 13, 1981

Mr. Thomas E. Huzzey, Administrator
Department of Mines
Office of Oil and Gas

RE: APPLICATION FOR PERMIT #47-001 - 1504 TO DRILL DEEP WELL
COMPANY: FOX DRILLING COMPANY
FARM: COASTAL LUMBER COMPANY
COUNTY: BARBOUR DISTRICT: VALLEY

The application of the above company is APPROVED FOR ORISKANY COMPLETION
(APPROVED-DISAPPROVED)

Applicant HAS (HAS-HAS NOT) complied with the provisions of chapter twenty-two, article four-a, (§22-4A), of the code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation, as follows:

1. *Provided a certified copy of duly acknowledged and recorded consent and easement from all surface owners; Yes*
2. *Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and, None*
3. *Provided a plat showing that the proposed location is a distance of 650 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3000 feet of the proposed location: None*

Very truly yours,

Thomas E. Huzzey

Thomas E. Huzzey
Commissioner

A-12



State of West Virginia

Department of Mines

Charleston 25305

JOHN D. ROCKEFELLER, IV.
Governor

WALTER N. MILLER
Director

January 25, 1984

Fox Drilling Company, Inc.
P. O. Box 129
Glenville, W. Va. 26351

In Re: Permit No. 47-001-1504

Farm: Gore

Well No: 1-0

District: Valley

County: Barbour

Issued Jan. 13, 1981

Gentlemen:

Please send an original and two copies of the completion drilling record for the above described well location. This record must be submitted before we can request the district inspector to make a "Final Inspection".

Administrative Regulations - Rule 16.02 Filing of Well Record and Related Forms.
(a) Within 90 days after the completion of permitted work, three copies of Form IV-35, "Well Operator's Report of Drilling, Fracturing and/or Stimulating or Physical Change", containing the geological information required by Code 22-4-8b in the form specified shall be filed with the Administrator, Office of Oil & Gas-Dept. Mines.

Sincerely,

Theodore M. Streit
Administrator-Oil & Gas

TS/rl



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division
WELL RECORD

W. VA. OIL & GAS
CONSERVATION COMMISSION

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

Quadrangle Belington

Permit No. 17-001-1504

Company Fox Drilling Co. Inc.
Address P.O. Box 129
Farm Gore Acres 850
Location (waters) Tygart Valley River
Well No. One Elev. 2090'
District Barker County Barbour
The surface of tract is owned in fee by _____
Coastal Lumber Co.
Address Buckhannon, W.V. 26201
Mineral rights are owned by Angelina Marrara etal
Address Kingwood, W.V. 26537
Drilling Commenced 1-26-81
Drilling Completed 2-4-81
Initial open flow 50M cu. ft. _____ bbls.
Final production 100M cu. ft. per day _____ bbls.
Well open 3 hrs. before test 2750 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 11 3/4	20'	20'	To Surface
9 5/8			
8 5/8	1265	1265	430 SKS
7			
5 1/2			
4 1/2		8082'	675
3			
2		7729	
Liners Used			

Well treatment details:
 7980-84 W/4 7778-80 W/2 7770-72 W/2 7726-28 W/2
 7724-26 W/2 7716-18 W/2
 3000 Gal 15% HCl

Attach copy of cementing record.

Coal was encountered at Not Available Feet _____ Inches _____
 Fresh water 60-100' Feet _____ Salt Water _____ Feet _____
 Producing Sand Huntersville Chert & Oriskany Depth 7700'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Section not logged			0	6000'		
Sycamore Grit			6573	6598		
Tulley Ls.			7398	7455		
Hamilton Sh.			7455	7601		
Marcellus Sh.			7601	7696		
Onondoga Ls.			7696	7711		
Huntersville Chert			7711	7907		
Oriskany Ss			7907	8083		T.D. 50MCF.

(over)

Indicates Electric Log tops in the remarks section.

BAR - 1504

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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES GAS

Permit No. 001-1504

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Fox DRILLING				
Address: Coleridge	Size			
Operator: COORE CORP	16			Kind of Packer
Well No: 1-0	13			Size of
District: VALLEY County: BARBOUR	10			
Drilling commenced: 1-26-81	8 1/4			Depth set
Drilling completed: _____ Total depth: _____	6 3/8			
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 _____ SIZE _____ No. FT _____ Date _____			
Fresh water: _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water: _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
				_____ FEET _____ INCHES
				_____ FEET _____ INCHES

Drillers' Names: Fox DRILLING Rig-1

Remarks: Move RIG SPD

Robert Stewart
DISTRICT WELL INSPECTOR

1-27-81
DATE

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: _____

hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR



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

Theodore M. Streit
 Administrator

Barton B. Lay Jr.
 Director

March 19, 1985

Fox Drilling Company, Inc.
 P. O. Box 129
 Glenville, West Virginia 26351

In Re: PERMIT NO: 47-001-1504
 FARM Coastal Lumber Co. (Gore)
 WELL NO: 1-0
 DISTRICT: Valley
 COUNTY: Barbour
 ISSUED: 1-13-81

Gentlemen;

The FINAL INSPECTION REPORT for the above captined well has been received in this office. Only the column checked below applies:

The well designated by the above permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

Theodore M. Streit, Administrator
 Office of Oil & Gas--Dept. Mines

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

Permit No. 001-1504 County Barbour
 Company 404 Drilling Firm Gore Corp
 Inspector Philip Tracy Well No. 1-0
 Date 1-3-84

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 wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: This well was drilled and completed 2-3-81

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Request IV-35 well record

OIL & GAS DIVISION
DEPT. OF MINES

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Philip Tracy
DATE: 1-3-84