

LONGITUDE: 79° 00' 00"

LATITUDE: 39° 27' 30"

9368



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 ENERGY.

(SIGNED) John E. Carey R.P.E. 115 967

FILE NO. 1298-070-MM
 DRAWING SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION GPS

WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS #10 MCFUNKIN ROAD NITRO, WEST VIRGINIA 25143-2506

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

LOCATION: ELEVATION 2633 WATERSHED POWDER HOUSE RUN DISTRICT PIEDMONT COUNTY WESTERNPORT MINERAL

SURFACE OWNER TG&C COAL COMPANY, INC. ACREAGE 221.67 (PARCEL A&B)
 OIL & GAS ROYALTY OWNER TG&C COAL COMPANY, INC. LEASE ACREAGE 221.67 (PARCEL A&B) 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 ORISKANY ESTIMATED DEPTH 10,117 FT
 WELL OPERATOR FOX OIL & GAS, INC. DESIGNATED AGENT POST MASTER
 ADDRESS 370 LEONARD AVE., WASHINGTON, PA 15301 ADDRESS PO BOX 3621 SABRATON STATION, MORGANTOWN, WV 26505-3621

DATE: MONTH 3 1999 OPERATOR'S WELL NO. 47-057-0102 COUNTY WEST VIRGINIA PERMIT #10102
 API WELL NO. _____

MIN COUNTY COUNTY NAME 0102 PERMIT

DEEP WELL 1-1-000

MAR 29 1999

RECEIVED
Office of Oil & Gas
remitting

WR-35

OCT 22 1999

Environmental Protection
Division

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

31-Mar-99
API # 47- 57-00102

Farm name: T.G.&C. COAL CO.

Operator Well No.: 1

Reviewed _____

LOCATION: Elevation: 2,633.00 Quadrangle: WESTERNPORT

District: PIEDMONT County: MINERAL
Latitude: 9368 Feet South of 39 Deg. 27Min. 30 Sec.
Longitude 12313 Feet West of 79 Deg. 0 Min. 0 Sec.

Company: FOX OIL AND GAS, INC.
370 LEONARD AVENUE
WASHINGTON, PA 15301-0000

Agent: ROBIN I. STIVALETTA

Inspector: PHILLIP TRACY
Permit Issued: 03/26/99
Well work Commenced: 5-1-99
Well work Completed: 5-25-99
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) _____
Fresh water depths (ft) _____
117' 241'
Salt water depths (ft) _____
None
Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	20'	20'	---
9 5/8"	1660.65'	1660.65'	700
5 1/2"	-----	9854.38'	450
2 7/8"	-----	9452.60'	-----

OPEN FLOW DATA

Producing formation Corriegenville Limestone Pay zone depth (ft) 9835'
Gas: Initial open flow Show MCF/d Oil: Initial open flow ---- Bbl/d
Final open flow 1,000 MCF/d Final open flow ---- Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 3900 psig (surface pressure) after 72 _____ Hours

Second producing formation Oriskany Sandstone Pay zone depth (ft) 9430
Gas: Initial open flow Show MCF/d Oil: Initial open flow ---- Bbl/d
Final open flow 1,200 MCF/d Final open flow ---- Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 3650 psig (surface pressure) after 72 _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

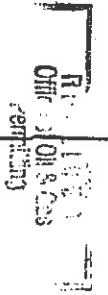
For: FOX OIL AND GAS, INC.
BY: Robin I. Stivaletta Vice President
Date: 10/19/99

MIN 0102

NOV 1 1999

DRILLER'S LOG OF FORMATIONS

Name	Top	Bottom	Gas At	Oil At	Water At (Fresh or Brine)	Source of Data
Fill	0	8				Drillers Log
Sandstone	8	58				
Sandstone & Shale	58	290				
Red Shale	290	330			(Fresh) Damp @117'	
Sandstone & Shale	330	350			1" Stream	@ 241'
Red Shale	350	375				
Sandstone & Shale	375	405				
Sandstone	405	442				
Sandstone & Shale	442	490				
Red Shale	490	745				
Sandstone & Shale	745	895				
Red Shale	895	1330				
Sandstone	1330	1396				
Red Shale	1396	1465				
Sand & Shale	1465	1693				
Shale & Sand Stringer	1693	9190				
Upper Marcellus	9190	9222				
Purcell Limestone	9222	9252				
Shale	9252	9304				
Lower Marcellus	9304	9326				
Onondaga Limestone	9326	9382				
Needmore Shale	9382	9430				
Oriskany Sandstone	9430	9682				
Shriver Chert	9682	9800				
Mandata Shale	9800	9834				
Corriganville Limestone	9834	10,003				
			Gas @ 9880'			
			TD			



Electric Log



Perforation Record

Stimulation Record

Date	Interval Perforated		Date	Interval Treated	Fluid		Propping Agent		Average Injection Rate
	From	To			Type	Amount	Type	Amount	
	Open Hole								
--	9854	10,003	6/16/99	Corriganville	Gelled Acid	20,000 Gal	None		14 BPM
6/28/99	9435	9,455	7/1/99	Oriskany	Gelled Water	20,000 Gal	20-40 Sand	40,000#	19 BPM