

WELL REFERENCES:

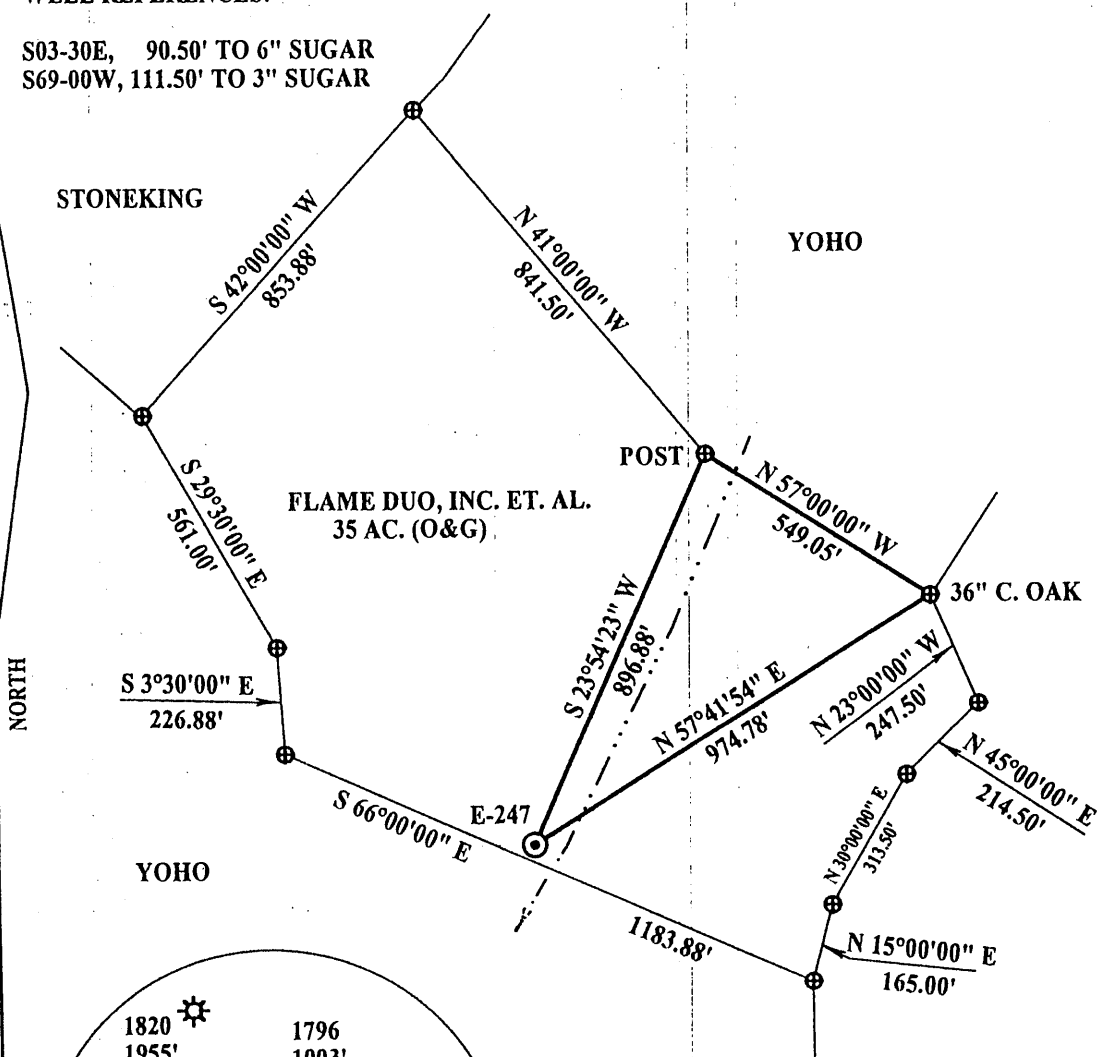
S03-30E, 90.50' TO 6" SUGAR
 S69-00W, 111.50' TO 3" SUGAR

LATITUDE 39-37-30

SCALED COOR.:

8,900' SOUTH
 2,330' WEST

LONGITUDE 80-32-30



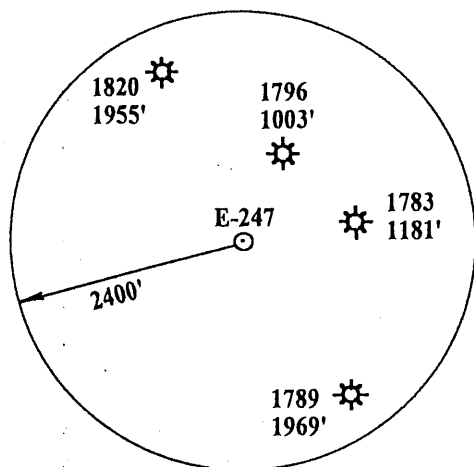
FRANCIK

NAD 27:

39-36-01.76
 80-32-58.44

NAD 27 WV NORTH SPC:

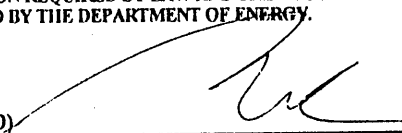
E-247 = 402,549.42'
 1,704,260.07'



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

FILE NUMBER: _____
 DRAWING NUMBER: EXCROBERTS1.PCS
 SCALE: 1" = 400'
 MINIMUM DEGREE OF ACCURACY: 1 IN 200
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY 06/11/02
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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) 
 STEPHEN D. LOSH, P.S. #674



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

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: JUNE 12, 2002
 OPERATORS WELL NO.: E-247 (ROBERTS #1)
 API WELL NO. 47 - 103 - 1886
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 981.39' WATERSHED ROCKCAMP RUN
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE BIG RUN LEASE NUMBER _____
 SURFACE OWNER SAMUEL M. HAWKINS & CHARLES E. ROBERTS ACREAGE 34.00
 OIL & GAS ROYALTY OWNER FLAME DUO, INC. ET. AL. LEASE ACREAGE 35.00
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____
 TARGET FORMATION BAYARD PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 ESTIMATED DEPTH 3,600'
 WELL OPERATOR EXCEL ENERGY, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P. O. BOX 1020 BRIDGEPORT, WV 26330 ADDRESS P. O. BOX 1020 BRIDGEPORT, WV 26330

COUNTY NAME
 PERMIT
 WET
 1886

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Act

Well Operator's Report of Well Work

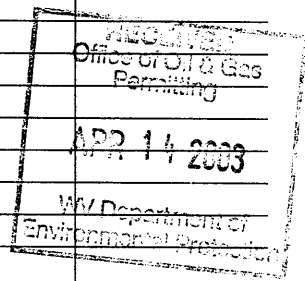
Farm Name: Charles E. Roberts Operator Well No: Roberts #1 E-247

LOCATION: Elevation: 981.39' Quadrangle: Big Run

District: Grant County: Wetzel
Latitude: 8,900' Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude: 2,330' Feet West of 80 Deg. 32 Min. 30 Sec.

Company: **EXCEL ENERGY, INC.**

	Casing & Tubing	Used in Drilling	Left in Hole	Cement fill Up Cu. Ft.
Address: PO Box 1020	9 5/8"	120'	120'	50 sks cmt
Bridgeport, WV 26330	7"	1860'	1860'	182 sks smt
Agent: H.L. Barnett				
Inspector:				
Date Permit Issued: 08/02/2002				
Date Well Work Commenced: 09/23/2002				
Date Well Work Completed: 10/03/2002				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): 3,310'				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): 1,600' & 1,720'				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): 200'-205', 210'-218', 292'-297', 350-352', 510'-515', 1,245'-1,250', and 1,425'-1,430'				



OPEN FLOW DATA

Producing formation Bayard, Gordon & Injun	Pay zone depth (ft) 1980'-3102'
Gas: Initial open flow <u>500</u> MCF/d	Oil: Initial open flow <u>----</u> Bbl/d
Final open flow <u>500</u> MCF/d	Final open flow <u>----</u> Bbl/d
Time of open flow between initial and final tests <u>-----</u> Hours	
Static Rock Pressure <u>170</u> psig (surface pressure) after <u>28</u> Hours	
Second producing formation <u>----</u>	Pay zone depth (ft) <u>----</u>
Gas: Initial open flow <u>----</u> MCF/d	Oil: Initial open flow <u>----</u> Bbl/d
Final open flow <u>----</u> MCF/d	Final open flow <u>----</u> Bbl/d
Time of open flow between initial and final tests <u>-----</u> Hours	
Static Rock Pressure <u>----</u> psig (surface pressure) after <u>----</u> Hours	

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

Signed: *Sara Aman*
By: Sara Aman, Vice President
Date: April 4, 2003

MAY 02 2003

WET 1884

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

STAGE I N/A - Take as a Natural

STAGE II

STAGE III

STAGE IV

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal oil and gas
Soil & Sand			0'	170'	
Red Rock & Shale			170'	200'	
Coal			200'	205'	
Shale			205'	292'	
Coal			292'	297'	
Red Rock & Shale			297'	350'	
Coal			350'	355'	
Sand & Shale			355'	510'	
Coal			510'	515'	
Sand & Shale			515'	1,245'	
Coal			1,245'	1,250'	
Sand & Shale			1,250'	1,425'	
Coal			1,245'	1,250'	
Red Rock & Shale			1,250'	1,510'	
Sand & Red Rock			1,510'	1,845'	Stream of Water @ 1,600' & 1,720'
Sand & Shale			1,845'	2,320'	
Berea			2,320'	2,335'	
Sand & Shale			2,335'	3,310'	TD

