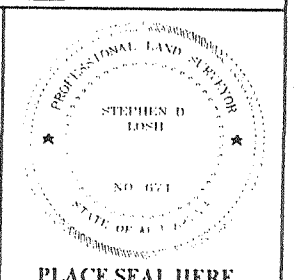


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: EPI0302.PCS  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: 1 IN 200  
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY 07/21/03  
SUBMETER SURVEY

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  
 FORM WW-6 #10 McJUNKIN ROAD  
 NITRO, WV 25143-2506

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

DATE: JULY 21, 2003  
 OPERATORS WELL NO.: 0302  
 API WELL NO. 47 - 033 - 04423  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 1231.55' WATERSHED ROOTING CREEK  
 DISTRICT ELK COUNTY HARRISON  
 QUADRANGLE MOUNT CLARE LEASE NUMBER \_\_\_\_\_

SURFACE OWNER JAMES D. DAVIS ACREAGE 165.00  
 OIL & GAS ROYALTY OWNER JAMES D. DAVIS LEASE ACREAGE 297.00

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_  
 PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) \_\_\_\_\_

TARGET FORMATION BENSON PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
 ESTIMATED DEPTH 4600'

WELL OPERATOR ENERGY PRODUCTION, INC. DESIGNATED AGENT JOSEPH A. LAW  
 ADDRESS P. O. BOX 491 JANE LEW, WV 26378 ADDRESS P. O. BOX 491 JANE LEW, WV 26378

(155 ELK CREEK (OVERFIELD) 6-6)

COUNTY NAME PERMIT 4423

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: JAMES DAVIS #2 Operator Well No.: EPO302

LOCATION: Elevation: 1,231' Quadrangle: MOUNT CLARE

District: ELK County: HARRISON  
Latitude: 10,830 Feet South of 39 Deg. 10 Min. 00 Sec.  
Longitude 4,410 Feet West of 80 Deg. 15 Min. 00 Sec.

Company: ENERGY PRODUCTION, INC.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>PO Box 491</u>	<u>9 5/8"</u>	<u>30'</u>	<u>30'</u>	<u>N/A</u>
<u>JANE LEW, WV 26378</u>	<u>7"</u>	<u>975'</u>	<u>975'</u>	<u>TO SURFACE</u>
Agent: <u>JOSEPH A. LAW</u>	<u>4 1/2"</u>	<u>3,762</u>	<u>3,762</u>	<u>208 ft<sup>3</sup></u>
Inspector: <u>TIM BENNETT</u>				
Date Permit Issued: <u>9/16/03</u>				
Date Well Work Commenced: <u>9/29/03</u>				
Date Well Work Completed: <u>10/10/03</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): <u>4,594'</u>				
Fresh Water Depth (ft.): <u>115'</u>				
Salt Water Depth (ft.): <u><del>1986'</del> 2468'</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>370', 400', 650', 730', 870'</u>				

OPEN FLOW DATA

BRADFORD, SPEECHLEY  
Producing formation BAYARD, 5<sup>TH</sup> SAND Pay zone depth (ft) COMINGLE  
Gas: Initial open flow Show MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 325 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 875 psig (surface pressure) after 12 Hours  
  
Second producing formation N/A Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ 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.

Signed: [Signature]  
By: JOSEPH A. LAW / AGENT  
Date: 10/21/03

HAR 4423

### HYDRAULIC FRACTURING DETAILS

STAGE	FORMATION	PERFORATIONS		HOLES	SAND	
		From	To	# of shots	20/40	
1st Stage	BRADFORD	3,601'	3,650'	12	25 k	
2nd Stage	SPEECHLEY	3,121'	3,124'	10	15 k	
3rd Stage	BAYARD	2,478'	2,517'	14	28 k	
4th Stage	5TH SAND	2,427'	2,433'	12	25 k	
5th Stage						

### DRILLERS LOG

FORMATION	FROM	TO
FILL	Surface	5'
SAND / SHALE	5'	376'
COAL	370'	373'
SAND / SHALE	373'	400'
COAL	406'	406'
SAND / SHALE	406'	650'
COAL	650'	654'
SAND / SHALE	654'	730'
COAL	730'	735'
SAND / SHALE	735'	870'
COAL	870'	874'
SAND / SHALE	874'	1,510'
LIMESTONE	1,510'	1,564'
SAND / SHALE	1,564'	4,594'

### ELECTRIC LOG

FORMATION	FROM	TO
SAND / SHALE	975'	1,665'
BIG INJUN	1,665'	1,712'
SAND / SHALE	1,712'	2,354'
4TH SAND	2,354'	2,360'
SHALE	2,360'	2,427'
5TH SAND	2,427'	2,433'
SAND / SHALE	2,433'	2,478'
BAYARD	2,478'	2,517'
SAND / SHALE	2,517'	3,121'
SPEECHLEY	3,121'	3,124'
SAND / SHALE	3,124'	3,600'
BRADFORD	3,600'	3,650'
SAND / SHALE	3,650'	4,550'
		LOG TO.