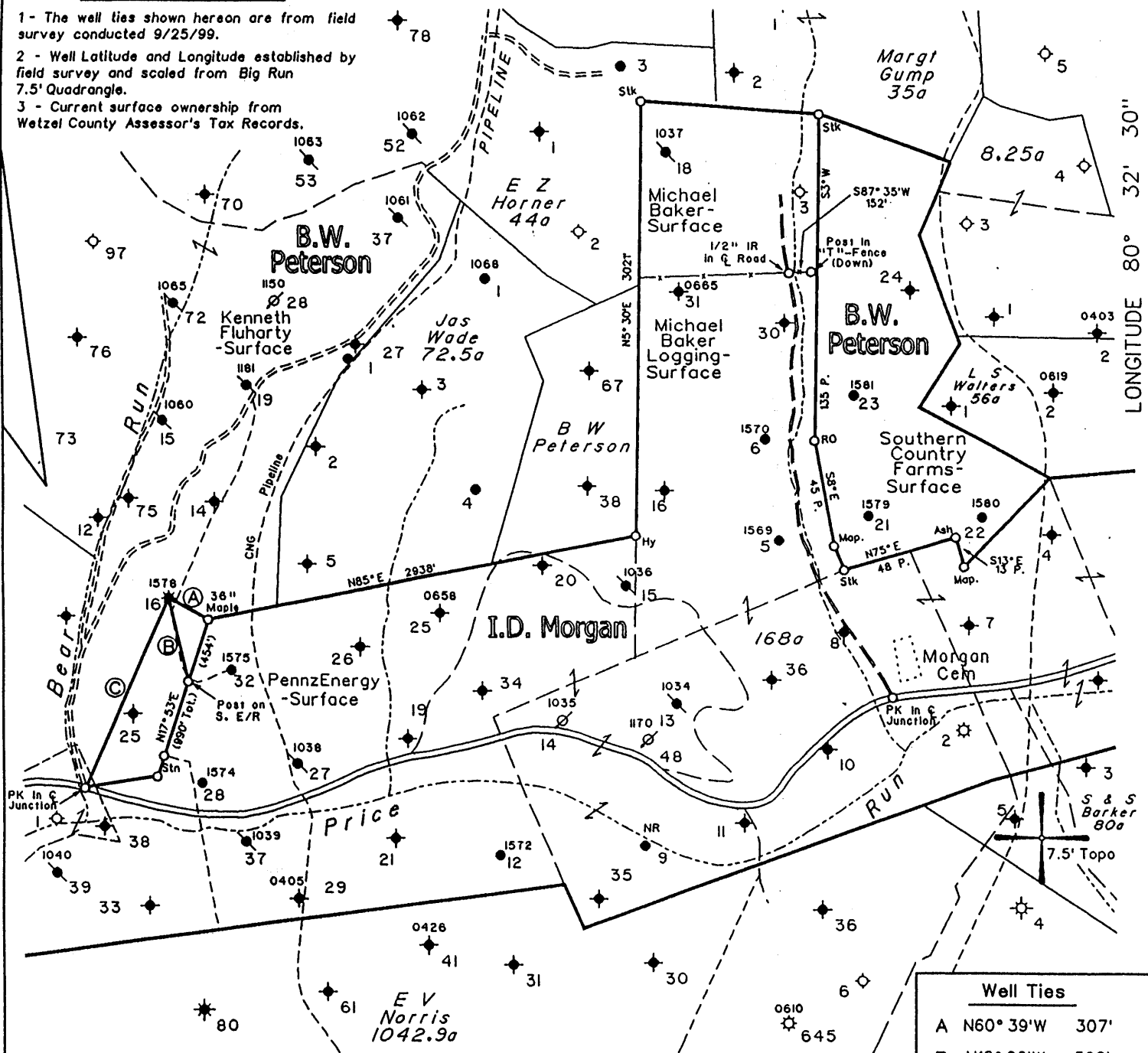


NOTES ON SURVEY

- 1 - The well ties shown hereon are from field survey conducted 9/25/99.
- 2 - Well Latitude and Longitude established by field survey and scaled from Big Run 7.5' Quadrangle.
- 3 - Current surface ownership from Wetzel County Assessor's Tax Records.

LATITUDE 39° 32' 30"

LONGITUDE 80° 32' 30"



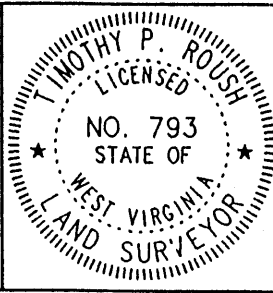
Well Ties	
A	N60° 39'W 307'
B	N12° 26'W 596'
C	N23° 43'E 1443'

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

FILE NO. 107-24  
 MAP NO. N59 N 5 S E 5 W  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION PennzEnergy Company Records

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) *[Signature]*  
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA  
 Division of Environmental Protection  
 Office of Oil and Gas  
 \*10 McJunkin Road  
 Nitro, West Virginia 25143-2506



DATE September 27, 19 99  
 FARM B.W. Peterson NO. 16  
 API WELL NO. 47-103-1578-P

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1,199' WATERSHED Bear Run  
 DISTRICT Grant COUNTY Wetzel  
 QUADRANGLE Big Run 7.5'  
 SURFACE OWNER Kenneth Fluharty ACREAGE 84 Ac.  
 OIL & GAS ROYALTY OWNER PennzEnergy E&P, LLC LEASE ACREAGE 4248.17 Ac.  
 LEASE NO. 10052-50

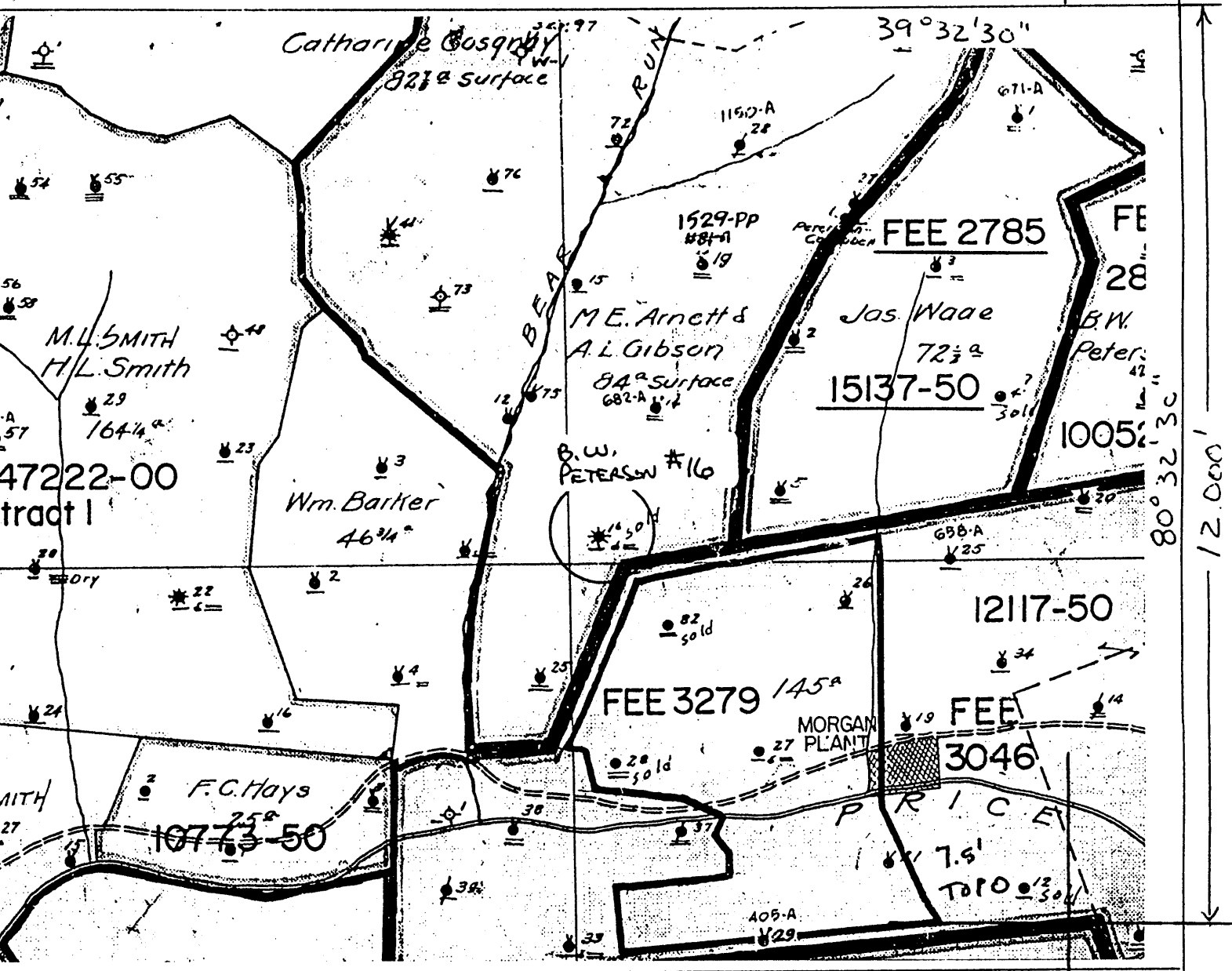
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Gordon ESTIMATED DEPTH 3,098'  
 WELL OPERATOR Lucas Well Service, Inc. DESIGNATED AGENT Curtis A. Lucas  
 ADDRESS P.O. Box 4652 ADDRESS P.O. Box 4652  
Parkersburg, WV 26104 Parkersburg, WV 26104

SEP 15 1999

FORM IV-8

WEST 1578-P



I, the undersigned, Hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED *Finell R. Ruel*  
 TITLE Supervisor, Surveying/Mapping

DATE November 1, 19 93  
 OPERATORS WELL NO. B.W. PETERSON #16  
 API WELL NO. 47-103-1578-N

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION \_\_\_\_\_ WATER SHED BEAR RUN  
 DISTRICT GRANT COUNTY WETZEL  
 QUADRANGLE BIG RUN (254) Littleton (SE) 5.155  
2.50 W = 15'

SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_

LEASING & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_

PRODUCING FORMATION GORDON TOTAL DEPTH 3098'

WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT James A. Crews

ADDRESS P.O. Box 5519 ADDRESS P.O. Box 5519  
Vienna, WV 26105 Vienna, WV 26105

18719

(101)

103-1578N

Well No. 16 N.W. B. W. Peterson Farm 4564 Acres  
 Lease No. 10052 Grant Township District Wetzel County W. Va. State  
 Contractor Wetzel Belg. Out Tools Contractor  
 Drilling Commenced Feb. 2, 1925 Drilling Completed May 22, 1925  
 N. 5 S. E. 5 W.

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Commenced to drill	2361		2361	
Big Indian Sand		2424	2424	
Lime	2540	2550		
Lime	2800	2815		
Fifty Foot Sand	2882	2898	2882	
Thirty Foot Sand	2989	3022		
Stray Sand	3055	3065		
Gordon Sand	3069	3086	3069	
Oil and Gas (6/10 W 1/4)	3071		3071	
Oil and Gas (6/10 W 1/4)	3082		3082	
Total Depth		3098	3098	

Refer to Book 1 for first drilling.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Sand Result
	Feet	In.	Feet	In.	Feet	In.			
5"	2427						May 27, 1925	20 Cts.	Gordon

Production First 24 Hours 1 1/2 Bbls. Gas Test  
 Approved by F. P. McT. Superintendent

103-1578-N

NOV 01 1906

No. 1 **Well Sold to J. & H. Productions 11-7-68**  
**SOUTH PENN OIL COMPANY—COMPLETION.**

SERIAL NO. \_\_\_\_\_ FARM **PETERSON, B. W.** WELL NO. **16**  
 ELEVATION \_\_\_\_\_ N. **5** S. \_\_\_\_\_ E. **5** W. \_\_\_\_\_  
 LEASE NO. **10052** ACRES **4564** MAP NO. **2852**  
 WATERS OF **Bear Run, Princes Fork, So. Fork Fishing Creek**  
 DISTRICT **Grant** COUNTY **Wetzel** STATE **W. Va.**  
 DRILLING COMMENCED **6/1/96** COMPLETED **7/18/1896** DEPTH **2361**

SANDS	TOP	BOTTOM	ELEV TOP	CASING
PGH. COAL <del>5 1/2'</del> <b>Big Lime</b>	952	960		10 700
<b>Big Lime</b>	2177	2244		8 1508
<b>Pencil Cave</b>	2172	2177		6 2247
<b>Big Injun Sand</b>	2244			
<b>Gas</b>	2275			
<b>1st Pay</b>	2341			

PACKERS AND DEPTH SET

INITIAL PROD. **40 Bbls.** SAND **Big Inj.** DEPTH **2341**

GAS TEST \_\_\_\_\_  
 SHOT **10/22/1906** QUARTS **20** " **Big Injun** " **2341**

REMARKS \_\_\_\_\_

REPORTED BY **SOUTH PENN OIL CO.** ABANDONED \_\_\_\_\_

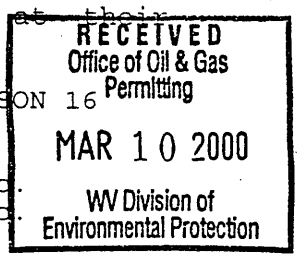
WR-38  
07-Oct-99

API # 47-103-01578-P

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.



Farm name: FLUHARTY, KENNETH Operator Well No.: B.W. PETERSON 16  
LOCATION: Elevation: 1,199.00 Quadrangle: BIG RUN  
District: CLAY County: WETZEL  
Latitude: 12000 Feet South of 39 Deg. 32 Min. 30 Sec.  
Longitude 1525 Feet West of 80 Deg. 32 Min. 30 Sec.

Well Type: OIL X GAS \_\_\_\_\_

Company: LUCAS WELL SERVICE INC  
P O BOX 4652  
PARKERSBURG WV 26104

Coal Operator ATLANTIC RICHFIELD COAL CO  
or Owner 555 17th St  
DENVER CO 80202

Agent: CURTIS A LUCAS

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Permit Issued: 10/07/99

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of WETZEL

ss:

KYLE D PERKINS and DONALD E HARRISON being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and RANDAL MICK Oil and Gas Inspector representing the Director, say that said work was commenced on the 9th day of February 2000, and that the well was plugged and filled in the following manner:

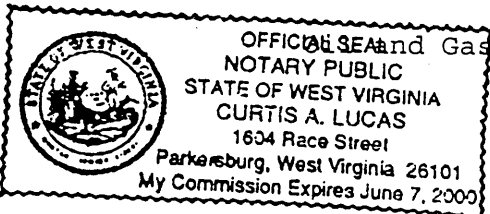
TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	3000	2000	5 3/16 2262	165
Cement	2470	2370	6 5/8 702	1545
Cement	2300	2200	8 1/4 previously pulled	
Cement	1540	1440	10 previously pulled	
Cement	1000	900		
Cement	750	650	7" csg perforated @ 1516	
Cement	100	surf	968, 949, 723, 702	
6% gel placed between cement plugs				

Description of monument: 1 joint 7" csg extending 30" above surface and that the work of plugging and filling said well was completed on the 23rd day of February, 2000

And further deponents saith not.

Kyle D Perkins  
Donald E Harrison  
Curtis A Lucas  
Notary Public

Sworn and subscribe before me this 24th day of February, 2000  
My commission expires: June 7, 2000



Inspector: \_\_\_\_\_

WET-1578-P

MAR 10 2000