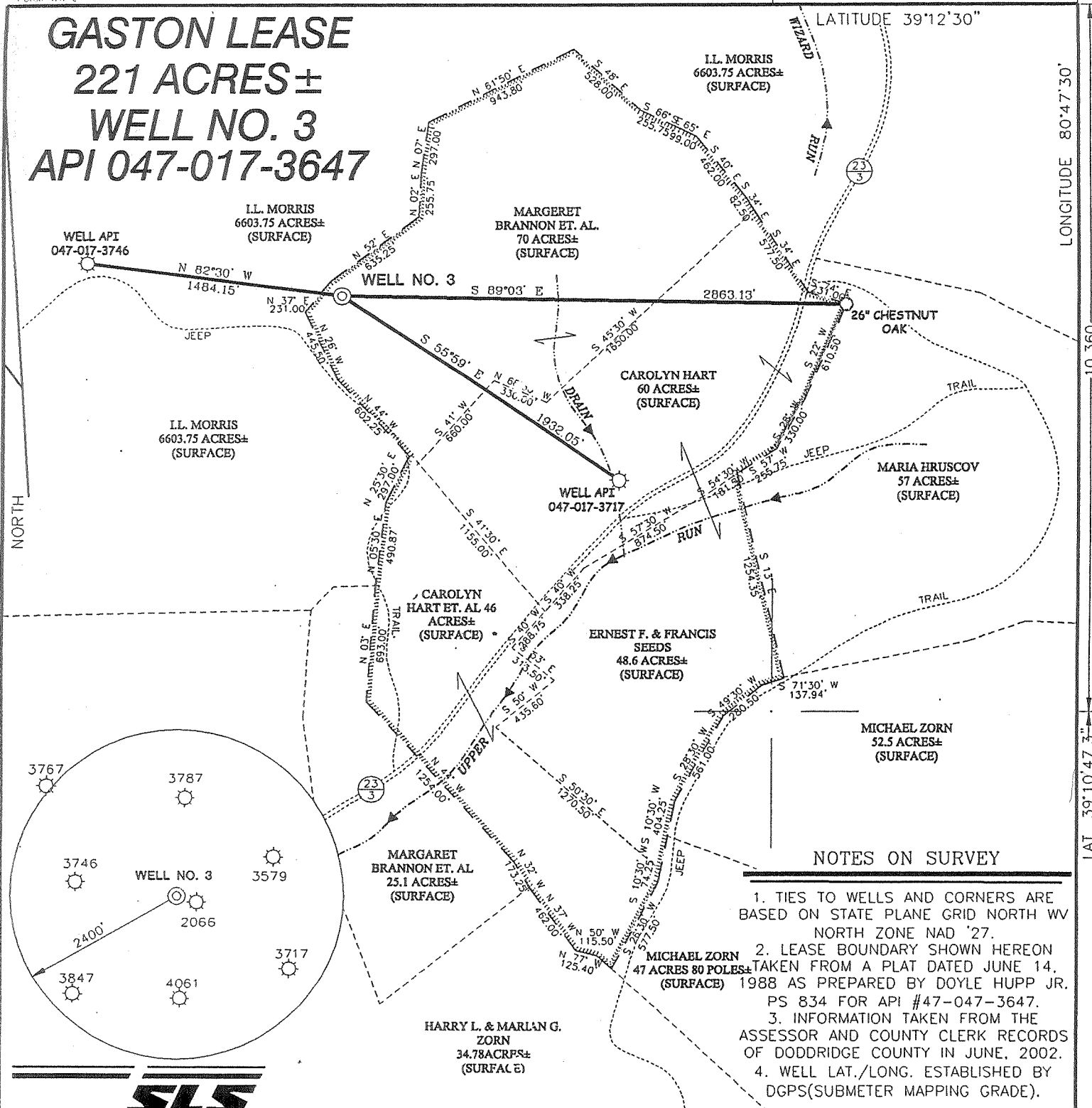


# GASTON LEASE 221 ACRES± WELL NO. 3 API 047-017-3647



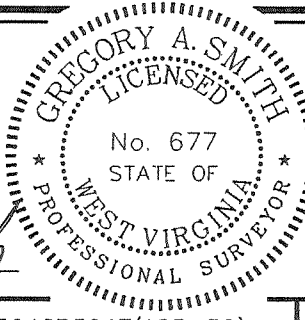
### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED JUNE 14, 1988 AS PREPARED BY DOYLE HUPP JR. PS 834 FOR API #47-047-3647.
3. INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JUNE, 2002.
4. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 ENVIRONMENTAL PROTECTION.


P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE JUNE 21, 2002  
 OPERATORS WELL NO. 3  
 API WELL NO. 47 - 017 - 3647  
 STATE COUNTY PERMIT  
**FRAC. CANCELLED**

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 5042P3647(123-50)  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 1196' SCALE 1" = 800'

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



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

LOCATION :  
 ELEVATION 1234' WATERSHED UPPER RUN  
 DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER MARGARET BRANNON ET. AL. ACREAGE 70±  
 ROYALTY OWNER ELLENE CAILOR ET. AL. LEASE ACREAGE 221±

PROPOSED WORK :  
 LEASE NO. \_\_\_\_\_  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

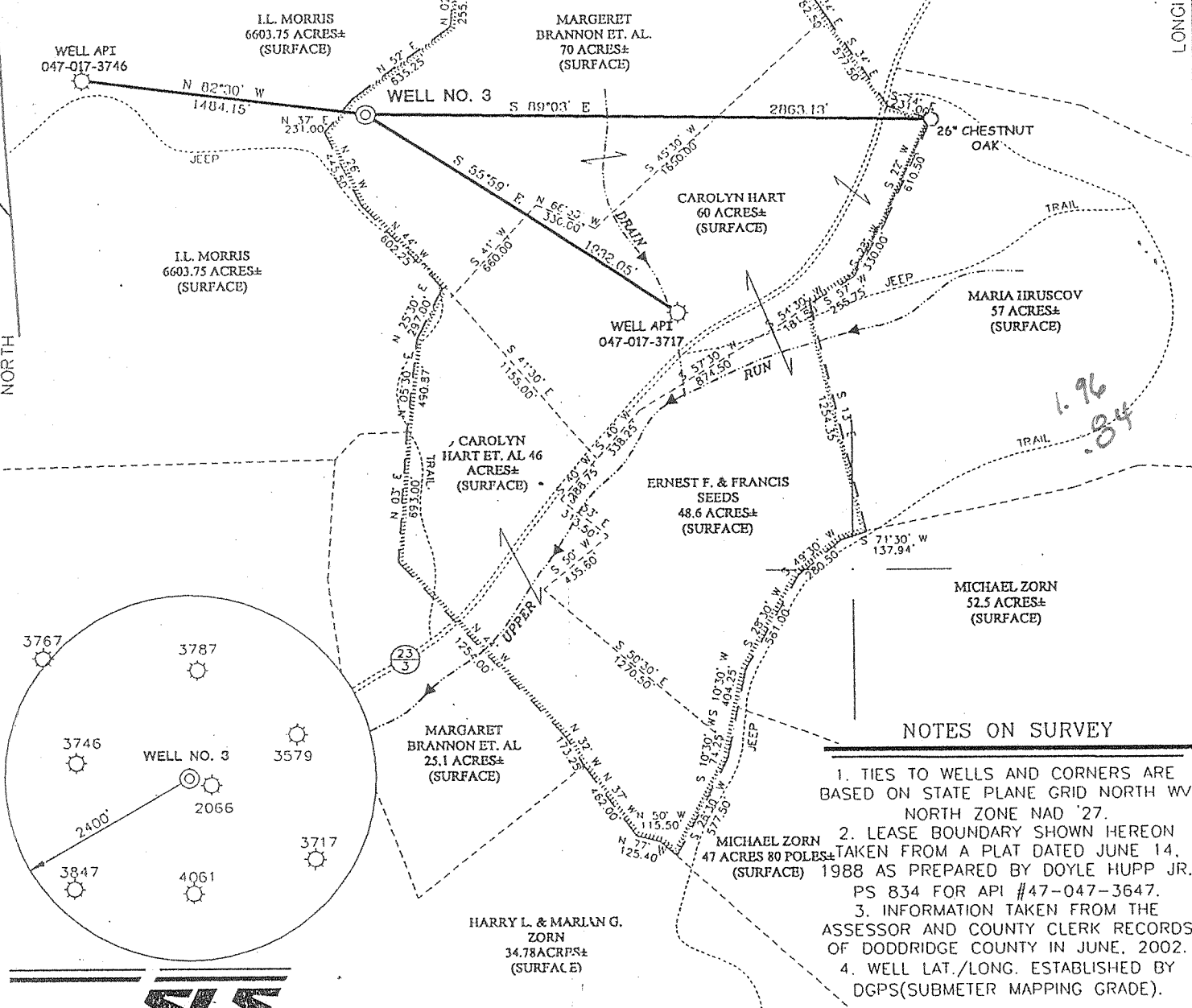
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION BRADFORD  
REWORK BRADFORD, BALLTOWN, & GORDON ESTIMATED DEPTH 4500'

WELL OPERATOR TERM ENERGY CORP. DESIGNATED AGENT LEROY BAKER  
 ADDRESS 713 EAST MAIN STREET HARRISVILLE, WV 26362 ADDRESS 713 EAST MAIN STREET HARRISVILLE, WV 26362

MAY 26 2006

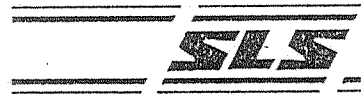
COUNTY NAME DODD  
 PERMIT 3647 CANCELLED

# GASTON LEASE 221 ACRES± WELL NO. 3 API 047-017-3647



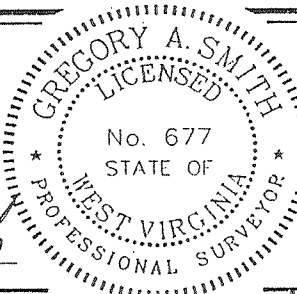
**NOTES ON SURVEY**

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2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED JUNE 14, 1988 AS PREPARED BY DOYLE HUPP JR. PS 834 FOR API #47-047-3647.
3. INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JUNE, 2002.
4. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 ENVIRONMENTAL PROTECTION.


P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE JUNE 21, 20 02  
 OPERATORS WELL NO. 3  
 API WELL NO. 47 - 017 - 3647  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 5042P3647(123-50)  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 1196' SCALE 1" = 800'

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



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

LOCATION : ELEVATION 1234' WATERSHED UPPER RUN  
 DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5

SURFACE OWNER MARGERET BRANNON ET. AL. ACREAGE 70±  
 ROYALTY OWNER ELLENE CAILOR ET. AL. LEASE ACREAGE 221±

PROPOSED WORK : LEASE NO. \_\_\_\_\_  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER \_\_\_\_\_  
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION BRADFORD  
REWORK BRADFORD, BALLTOWN, & GORDON ESTIMATED DEPTH 4500'

WELL OPERATOR TERM ENERGY CORP. DESIGNATED AGENT LEROY BAKER  
 ADDRESS 713 EAST MAIN STREET HARRISVILLE, WV 26362 ADDRESS 713 EAST MAIN STREET HARRISVILLE, WV 26362

COUNTY NAME DODD  
 PERMIT 3647F

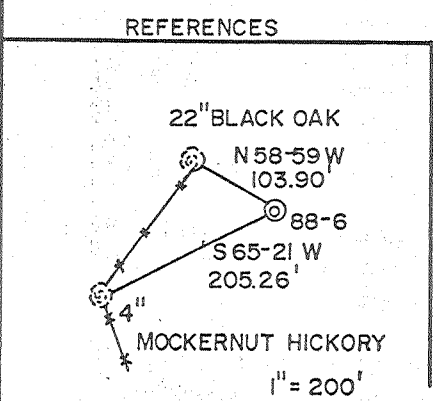
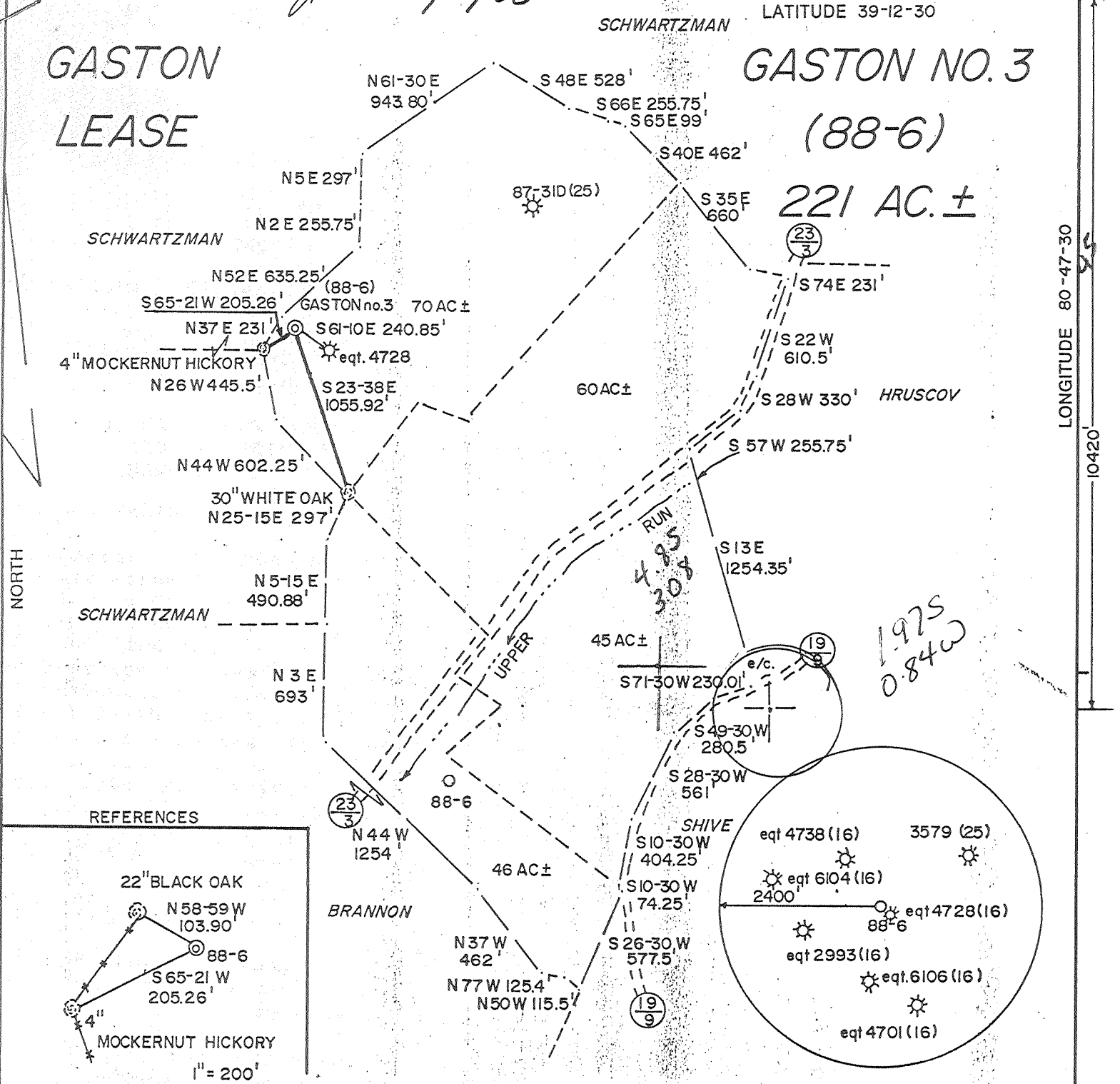
JUN 28 2002

# GASTON LEASE

GASTON NO. 3

(88-6)

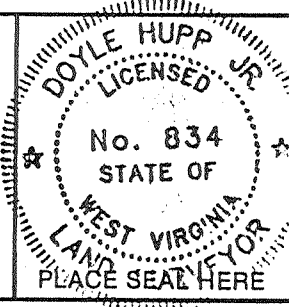
221 AC. ±



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

FILE NO. (2-17) 31  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 800'  
 MINIMUM DEGREE OF ACCURACY 1/200'  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB  
 ELEV. 1308'

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) Doyle Hupp Jr.  
 R.P.E. \_\_\_\_\_ L.L.S. 834



## STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



DATE JUNE 14, 19 88  
 OPERATOR'S WELL NO. GASTON NO. (88-6)  
 API WELL NO. \_\_\_\_\_

47 - 017 - 3647  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1232' WATER SHED UPPER RUN  
 DISTRICT SOUTHWEST 7 COUNTY DODDRIDGE  
 QUADRANGLE OXFORD 75' 526 0583 Holbrook NE  
 SURFACE OWNER PRESLEY BRANNON et al. ACREAGE 70  
 OIL & GAS ROYALTY OWNER ELLENE CAILOR et al. LEASE ACREAGE 221

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

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5310'  
 WELL OPERATOR TERM ENERGY CORP. 486 DESIGNATED AGENT KATHY JARVIS  
 ADDRESS 110 N. SPRING ST. HARRISVILLE, WV 26362 ADDRESS 110 N. SPRING ST. HARRISVILLE, WV 26362

JUN 21 1988

6-6 Straight Fork-Bluestone Creek (133)

LONGITUDE 80-47-30  
10420  
COUNTY NAME  
PERMIT

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: BRANNON, PRESLEY ETAL Operator Well No.: GASTON 3 (88-6)

LOCATION: Elevation: 1232.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE  
Latitude: 10420 Feet South of 39 Des. 12Min. 30 Sec.  
Longitude: 4510 Feet West of 80 Des. 47 Min. 30 Sec.

Company: TERM ENERGY CORP.  
110 N. SPRING ST.  
HARRISVILLE, WV

Asent: KATHY D. JARVIS

Inspector: MIKE UNDERWOOD  
Permit Issued: 06/16/88  
Well work Commenced: 7/11/88  
Well work Completed: 7/21/88  
Verbal Plussins:  
Permission granted on:  
Rotary  Cable \_\_\_\_\_ Ris \_\_\_\_\_  
Total Depth (feet) 5352'  
Fresh water depths (ft) none  
Salt water depths (ft) none  
Is coal being mined in area (Y/N)? N  
Coal Depths (ft):

Casings & Tubings Size	Used in Drilling	Left in Well	Cement (Fill Up) Cu. Ft.
11 3/4"	17'	0	
8 5/8"	1350'	1350'	320 sks
4 1/2"	5277'	5277'	270. sks
2 3/8"		5125'	

RECEIVED  
AUG 08 1988

OPEN FLOW DATA

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
5150-5209  
5040-5042

Producing formation Alexander & Leopold Pay zone depth (ft) 5040-5042  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 710 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 1500 psis (surface pressure) after 15 Hours  
Comingled production Benson Stray 4803-4810  
Second Producing formation Benson Pay zone depth (ft) 4885-4888  
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 \_\_\_\_\_ psis (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.  
AUG 12 1988

For: TERM ENERGY CORP.

WELL TYPE: OIL \_\_\_\_\_ GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_ STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ PERMIT \_\_\_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
LOCATION: ELEVATION 1232' WATER SHED UPPER RUN  
DISTRICT SOUTHWEST 7 COUNTY DODDRIDGE  
QUADRANGLE OXFORD 7.5' 526 0583 Holbrook NE  
SURFACE OWNER PRESLEY BRANNON et. al. ACREAGE 70  
OIL & GAS ROYALTY OWNER ELLENE CAILOR et. al. LEASE ACREAGE 22  
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 ALEXANDER ESTIMATED DEPTH 5310'  
WELL OPERATOR TERM ENERGY CORP. 486 DESIGNATED AGENT KATHY JARVIS  
ADDRESS 110 N. SPRING ST. HARRISVILLE, WV 26362 ADDRESS 110 N. SPRING ST. HARRISVILLE, WV 26362

COUNTY NAME  
PERMIT

JUN 21 1988

6-6 Straight Fork- Bluestone Creek (133)

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

Well Operator: 886 49105, 7,525  
TERM Energy Corporation

Operator's Well Number: Gaston #3 (88-6) 3) Elevation: 1232'

Well type: (a) Oil    / or Gas X /

(b) If Gas: Production X / Underground Storage    /  
Deep    / Shallow X /

Proposed Target Formation(s): Alexander, Benoon, Riley

Proposed Total Depth: 5310 feet

Approximate fresh water strata depths: 250' @ 1214'

Approximate salt water depths: None possibly

Approximate coal seam depths: 313'-316' None 1010'-1021'

Does land contain coal seams tributary to active mine? Yes    / No X /

Proposed Well Work:

CASING AND TUBING PROGRAM

	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Drill pipe	1 3/4		42	30'	0	
Water	8 5/8		20 23	972' 360'	1332'	CTS (38CSR18-11.3 38CSR18-11.22
Intermediate						
Production	4 1/2		10.5 11.6	5226' 84'	5310'	(min) 250 SKS
	2 1/2				5100'	38CSR18-11.1

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JUN 16 1988

Kind: \_\_\_\_\_  
Sizes: \_\_\_\_\_  
Depths set: \_\_\_\_\_

For Division of Oil and Gas Use Only DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Fee(s) paid:    Well Work Permit    Reclamation Fund    WPCP  
+    WW-9    WW-2B    Bond 50 Blanket    Agent

10420

**RECEIVED**  
JUN 16 1988

Page 1 of  
Form WW2-A  
(09/87)  
File Copy

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1) Date: June 14, 1988  
2) Operator's well number  
Gaston No. 3 (88-6)  
3) API Well No: 47 - 017 - 3647  
State - County - Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name Presley Brannon  
Address Rt 1, Box 184  
West Union WV 26456  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone (304)- \_\_\_\_\_

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

\_\_\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
\_\_\_\_\_ Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)  
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by:  
 Personal Service (Affidavit attached)  
 Certified Mail (Postmarked postal receipt attached)  
 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator TERM Energy Corporation  
By: Kathy D. Jarvis, Office Manager *Kathy D. Jarvis*  
Its: Agent  
Address 110 North Spring Street  
Harrisville WV 26362

Telephone \_\_\_\_\_  
Subscribed and sworn before me this 16 day of June, 1988

Notary Public

Shirley A. Stevens  
My commission expires 4/17/90