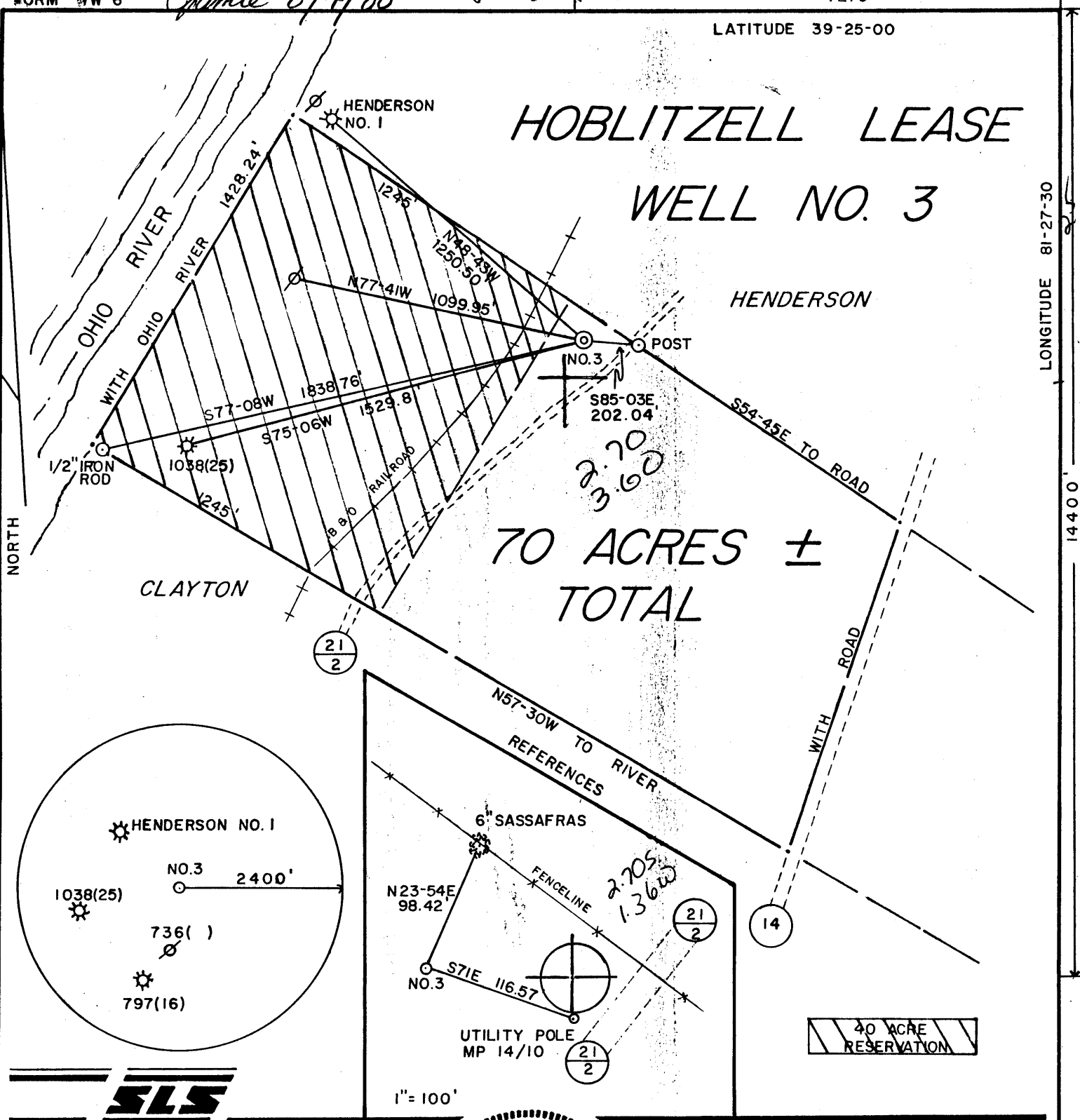


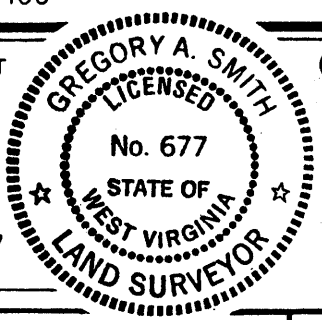
8/14/88

HOBLITZELL LEASE WELL NO. 3



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.


L.L.S. Gregory A. Smith
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JULY 26, 19 88
 OPERATORS WELL NO. HOBLITZELL NO. 3
 API WELL NO. 47 - 107 - 1438
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 1889(25-53)
 PROVEN SOURCE OF ELEVATION B.M. ELEV. = 601' SCALE 1" = 500'

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 628' WATERSHED OHIO RIVER QUADRANGLE MARIETTA, OHIO 75'
 DISTRICT WILLIAMS COUNTY WOOD
 SURFACE OWNER RICHARD H. HOBLITZELL ACREAGE 70 AC.
 ROYALTY OWNER RICHARD H. HOBLITZELL LEASE ACREAGE 30 OF 70 AC.
 PROPOSED WORK: 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 BEREA
 ESTIMATED DEPTH 1950'

WELL OPERATOR BLAUSER WELL SERVICE, INC. DESIGNATED AGENT STANLEY K. WILSON
 ADDRESS P.O. BOX 829 MARIETTA, OHIO 45750 ADDRESS RT. 1 BOX 116 BIG SPRINGS, WV 26137

LONGITUDE 81-27-30
14400'
COUNTY NAME
PERMIT

575

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

API RECEIVED
DEC 29 1988

Well Operator's Report of Well Work

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Farm name: HOBLITZELL, RICHARD H. Operator Well No.: HOBLITZELL 3

LOCATION: Elevation: 628.00 Quadrangle: MARIETTA

District: WILLIAMS County: WOOD
Latitude: 14400 Feet South of 39 Deg. 25Min. 0 Sec.
Longitude: 7270 Feet West of 81 Deg. 27 Min. 30 Sec.

Company: BLAUSER, DENNIS D., WELL

704 PIKE STREET, P.O. BOX 829
MARIETTA, OH

Asent: STANLEY K. WILSON

Inspector: GLEN P. ROBINSON

Permit Issued: 08/05/88

Well work Commenced: 08/15/88

Well work Completed: 09/12/88

Verbal Plussins

Permission granted on: N/A

Rotary Cable X Ris

Total Depth (feet) 1880'

Fresh water depths (ft) 10' - 80'

Salt water depths (ft) 1411' - 1495'

Is coal being mined in area (Y/N)? N

Coal Depths (ft): N/A

Size	Used in	Left	Cement
13"	88'	88'	Drive Pipe
10"	280'	280'	153 ft ³
8"	776'	0'	N/A
7"	1503'	0'	N/A
4 1/2"	1867'	1867'	177 ft ³

OPEN FLOW DATA

Producing formation: Berea Pay zone depth (ft) 1870'
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 80 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 900 psig (surface pressure) after 72 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.

Dennis D. Blauer, President

For: BLAUSER, DENNIS D., WELL SERVICES, INC.

By: *Dennis D. Blauer*

Date: 12/27/88

DEC 30 1988

Stimulation

1867' 4 1/2" 10.5#/ft casing run and cemented w/150 sxs C.
 Drilled out 4 1/2" wiper plug and continued thru Berea @ 187'
 Fractured Berea Sand open hole as shown.
 50 bbl/min with H₂O and friction reducer using 16/3
 Total Sand 40,000 lbs
 Total H₂O 49,000 gal
 Sand Schedule 1/4 - 1 1/2 ppg

	<u>TOP</u>	<u>BOTTOM</u>
Sand & Clay	0	10
Sand & Gravel	10	80
Red Rock	80	85
Blue Shale	85	91
Red Rock	91	251
Gray Shale	251	262
Red Rock	262	276
Gray Shale	276	301
Red Rock	301	314
Gray Shale	314	341
Sand	341	358
Gray Shale	358	366
Red Rock	366	384
Gray Shale	384	416
Red Rock	416	520
Gray Shale	520	551
Red Rock	551	578
Gray Shale	578	607
Red Rock	607	645
Gray Shale	645	674
Red Rock	674	680
Gray Shale	680	720
Black Slate	720	754
Gray Shale	754	765
Sand	765	868
Gray Shale	868	884
Sand	884	976
Black Slate	976	982
Sand	982	1025
Gray Shale	1025	1078
Sand	1078	1164
Gray Shale	1164	1172
Black Slate	1172	1202
Sand	1202	1312
Black Slate	1312	1356
Sand	1356	1387
Gray Shale	1387	1402
Sand	1402	1495
Gray Shale	1495	1823 (1843'?)
Shale Brown	1843	1768
✓ Berea Sand	1869	1873
Gray Shale	1873	1880 TD

Big Injun - Little

1870' Oil Show. B
 under water. 5 g

7515

DEC 30 1988

107-1438

Issued 8/15/88 Expired 8/15/90
Page 3 of 8

FORM WW-2B

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

0, 458

- 1) Well Operator: Catherine C. Blausner, Blausner Well Service, Inc. (Op. Code 600)
- 2) Operator's Well Number: Hoblitzell #3 3) Elevation: 628'
- 4) Well type: (a) Oil / or Gas X/
(b) If Gas: Production X/ Underground Storage /
Deep / Shallow X/
- 5) Proposed Target Formation(s): Berea
- 6) Proposed Total Depth: 1970' feet
- 7) Approximate fresh water strata depths: 250'
- 8) Approximate salt water depths: 1000', 1050'
- 9) Approximate coal seam depths: n/a
- 10) Does land contain coal seams tributary to active mine? Yes / No X/
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						30CSR18-11.3
Fresh Water	10 3/4"	H-40	32#	280'	280'	surface
Coal						
Intermediate						30CSR18-11.1
Production	4 1/2"	J-55	10.5#	1970'	1970'	above salt sand
Tubing						
Liners						

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AUG 04 1988

PACKERS : Kind n/a
Sizes
Depths set
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

7515
021753
25

For Division of Oil and Gas Use Only *ag ok*

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

RECEIVED
AUG 04 1988

Page 1 of 8
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: July 29, 1988
Operator's well number
Hoblitzell #3
API Well No: 47 - 107 - 1438
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 Richard H. Hoblitzell
 - Address Rt. 1, P.O. Box 371
Williamstown, WV 26187
 - (b) Name _____
 - Address _____
 - (c) Name _____
 - Address _____
- 5) (a) Coal Operator:
 - Name none
 - Address _____
 - (b) Coal Owner(s) with Declaration
 - Name none
 - Address _____
 - (c) Coal Lessee with Declaration
 - Name none
 - Address _____
- 6) Inspector Glen P. Robinson
 - Address Rt. 1, #6 Mt. Pleasant Est.
Mineralwells, WV 26150
 - Telephone (304)- 489-9162

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
X 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:
X Personal Service (Affidavit attached) Signature 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 Catherine C. Blausen, Blausen Well Service, Inc
By: Catherine C. Blausen
Its: Vice President
Address P.O. Box 829
Marietta, OH 45750
Telephone (614) 373-6305

Subscribed and sworn before me this 29th day of July, 1988

Marilyn S. Lang Zoller Notary Public
My commission expires April 18, 1990