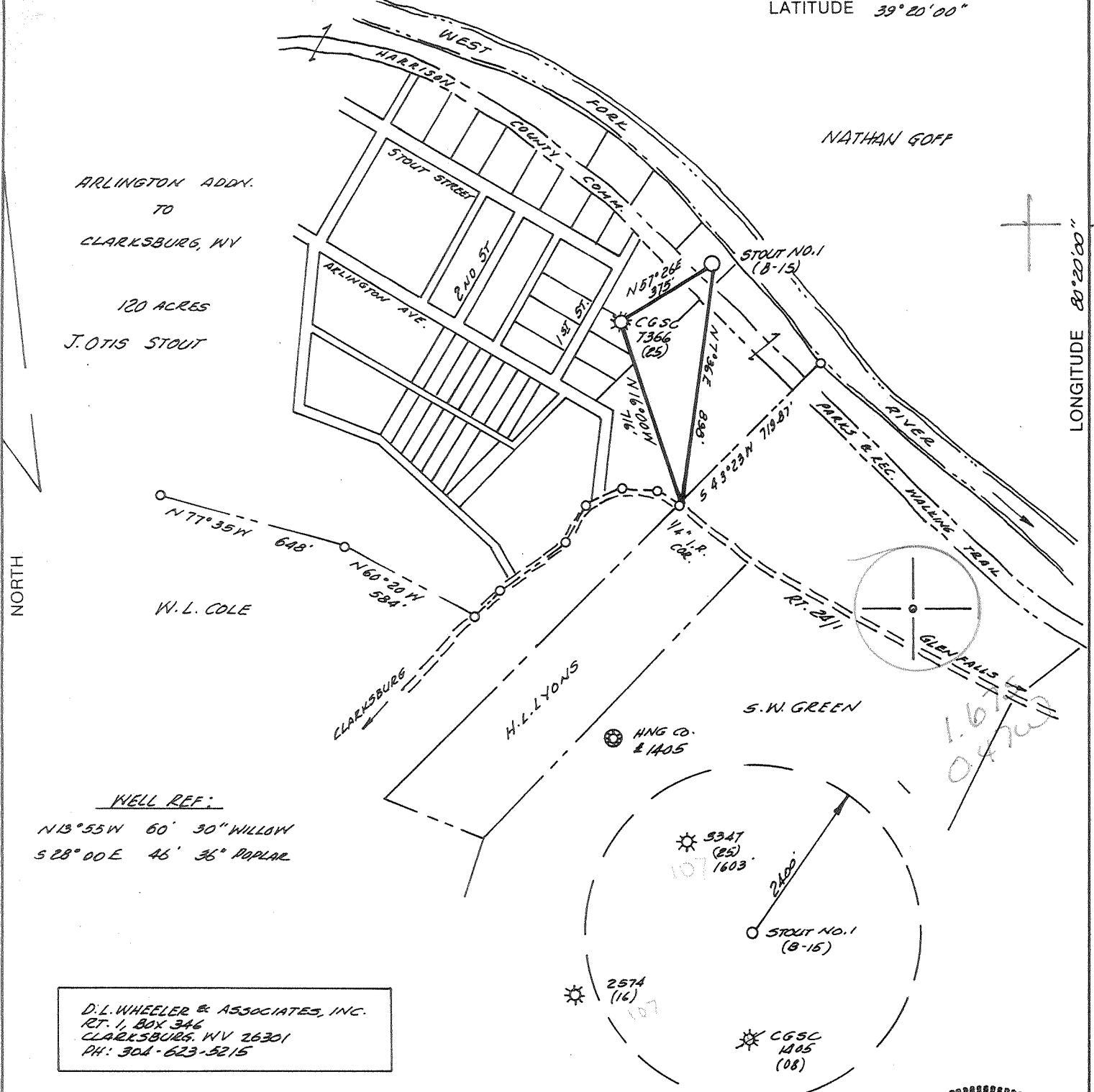


2530'

LATITUDE 39° 20' 00"

LONGITUDE 80° 02' 00"



ARLINGTON ADDY.
TO
CLARKSBURG, WV
120 ACRES
J. OTIS STOUT

W.L. COLE

WELL REF.:

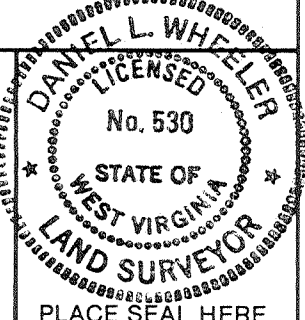
N 13° 55' W 60' 30" WILLOW
S 28° 00' E 46' 36" POPLAR

D.L. WHEELER & ASSOCIATES, INC.
RT. 1, BOX 346
CLARKSBURG, WV 26301
PH: 304-623-5215

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 IN 200
PROVEN SOURCE OF ELEVATION CON GAS SUPPLY CORP.
WELL 7366 ELEV. 976'

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) Daniel L. Wheeler
R.P.E. _____ L.L.S. 530
DANIEL L. WHEELER



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE NOVEMBER 3, 19 88
OPERATOR'S WELL NO. STOUT NO. 1
API WELL NO. (B-15)
47 - 033 - 3582
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 929' WATER SHED WEST FORK RIVER
DISTRICT COAL 3 COUNTY HARRISON
QUADRANGLE CLARKSBURG 7.5' 297 027 8 415' SC
SURFACE OWNER HAROLD GAINS ACREAGE 0.65 AC. LOT OF 120 AC.
OIL & GAS ROYALTY OWNER J. OTIS STOUT HRS. LEASE ACREAGE 120
LEASE NO. _____
PROPOSED WORK: DRILL X 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 BENSON ESTIMATED DEPTH 4800'
WELL OPERATOR BOWIE, INC. DESIGNATED AGENT BILL BOWIE
ADDRESS 604 E. MAIN STREET ADDRESS 604 E. MAIN STREET
CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

DEC 12 1988

6-6 Bridgeport-Pruntytown (110)

FORM WW-6
H.T. HALL 48673

COUNTY NAME
PERMIT

WR-25
RECEIVED
 JAN 30 1989

09-Dec-88
 API # 47- 33-03582

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

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY
 Well Operator's Report of Well Work

Farm name: GAINS, HAROLD Operator Well No.: STOUT #1 B15

LOCATION: Elevation: 929.00 Quadrangle: CLARKSBURG

District: COAL County: HARRISON
 Latitude: 2530 Feet South of 39 Deg. 40 Min. 00 Sec.
 Longitude 8900 Feet West of 80 Deg. 20 Min. 00 Sec.

Company: BOWIE, INC.
 132 WALDECK STREET
 CLARKSBURG, WV

Agent: WILLIAM H. BOWIE

Inspector: STEVE CASEY
 Permit Issued: 12/09/88
 Well work Commenced: JAN 11 1989
 Well work Completed: JAN 19 1989
 Verbal Plugging
 Permission granted on: _____
 Rotary Cable _____ Rig
 Total Depth (feet) 4560
 Fresh water depths (ft) 73, 178
 Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16	20		
11 3/4	120	120	CTS
8 5/8	1035	1035	CTS
4 1/2	4443	4443	300 SWS

Is coal being mined in area (Y/N)? Y
 Coal Depths (ft): 75-77, 281-284, 543-545, 640-643

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 4380-4000
 Gas: Initial open flow 5100 MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 733 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests 20 Hour
 Static rock Pressure 1400 psig (surface pressure) after 72 Hour

Second producing formation _____ 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 _____ Hour
 Static rock Pressure _____ psig (surface pressure) after _____ Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE 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.

For: BOWIE, INC.
 By: William H. Bowie
 Date: January 30, 1989

FEB 3 1989

(4382-4386) 12 holes (49), 100 SKS 80/100, 300 SKS 20/40, 400 BBL 24F
 500 gal 15% HCL

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all f and salt water, coal, oil and
FILL			0	10	
SAND & SHALE			10	75	
COAL			75	77	DAMP @ 15', 4" STREAM @ 73'
SAND & SHALE			77	281	
COAL			281	284	1" STREAM @ 178'
SAND & SHALE			284	543	
COAL			543	545	
SAND & SHALE			545	640	
COAL			640	643	
SAND & SHALE			643	851	
SAND			643	851	
Red Rock			851	1080	
SAND & SHALE			1080	1100	
Big Lime			1100	1267	
Big INJUN			1267	1332	
SAND & SHALE			1332	1392	SHOW OF GAS
50' SAND			1392	1858	
SAND & SHALE			1858	1989	
GORDON SAND			1989	2065	
SHALE			2065	2114	
4th SAND			2114	2121	
SHALE			2121	2160	
5th SAND			2160	2285	
SAND & SHALE			2285	2332	
BENSON SAND			2332	4380	
SHALE			4380	4396	SHOW OF GAS
			4396	4560 DTD	

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 JAN 30 1989

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

SHOW OF GAS

SHOW OF GAS

(Attach separate sheets as necessary)

8073

033 3582
Issued 12/09/88 Expires 12/09/91

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

- 1) Well Operator: Bowie, Inc. 6610, 3, 297
- 2) Operator's Well Number: Stout #1 B15 3) Elevation: 929
- 4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production X / Underground Storage /
Deep / Shallow X /
- 5) Proposed Target Formation(s): Benson
- 6) Proposed Total Depth: 4800 feet
- 7) Approximate fresh water strata depths: 20', 122', 250'
- 8) Approximate salt water depths: ---- 1192'
- 9) Approximate coal seam depths: 580-590' 650-655' 278'-81'
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work:
Drill and Stimulate new well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling / Left in well	
Conductor	16'			20'	
Fresh Water	11 3/4			50' or as required	as required
Coal	8 5/8			1000' <i>Command to surface</i>	38CSR-18-11.3 38csr-18-11.22
Intermediate					
Production	4 1/2	new	10.5	4800	4800 38CSR-18.1
Tubing					
Liners	<i>7K LIBCY</i>		<i>APPROVED</i>		

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DEC 06 1988

PACKERS : Kind _____
Sizes _____
Depths set _____

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

1241
40
Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond Blanket Agent
(Type)

RECEIVED
DEC 06 1988

Page 1 of
Form W2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: November 30, 1988
2) Operator's well number
Otis Stout #1 B15
3) API Well No: 47 - 033 - 3582
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 Mr. Harold Gains
Address 623 Dale Ave.
Clarksburg, WV 26301
- (b) Name _____
Address _____
- (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name None of record
Address _____
- (b) Coal Owner(s) with Declaration
Name None Declared
Address _____
- Name _____
Address _____
- 6) Inspector Mr. Steve Casey
Address Rt. 2, Box 232 D
Jane Lew, WV 26378
Telephone (304)-745-4888
- (c) Coal Lessee with Declaration
Name _____
Address _____

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

xx 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:

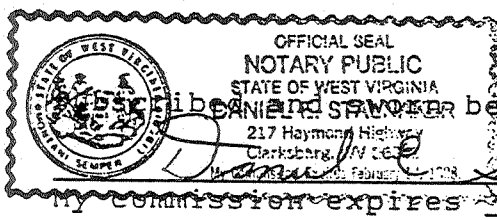
_____ Personal Service (Affidavit attached)
_____ Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

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 Bowie, Inc.
By: William A. Bowie
Its: President
Address 604 East Main Street
Clarksburg, WV 26301
Telephone 304 622-4653



before me this 1st day of December, 1988

Notary Public