

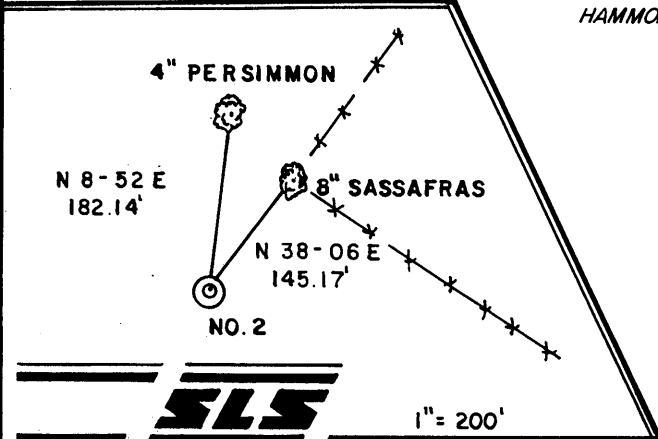
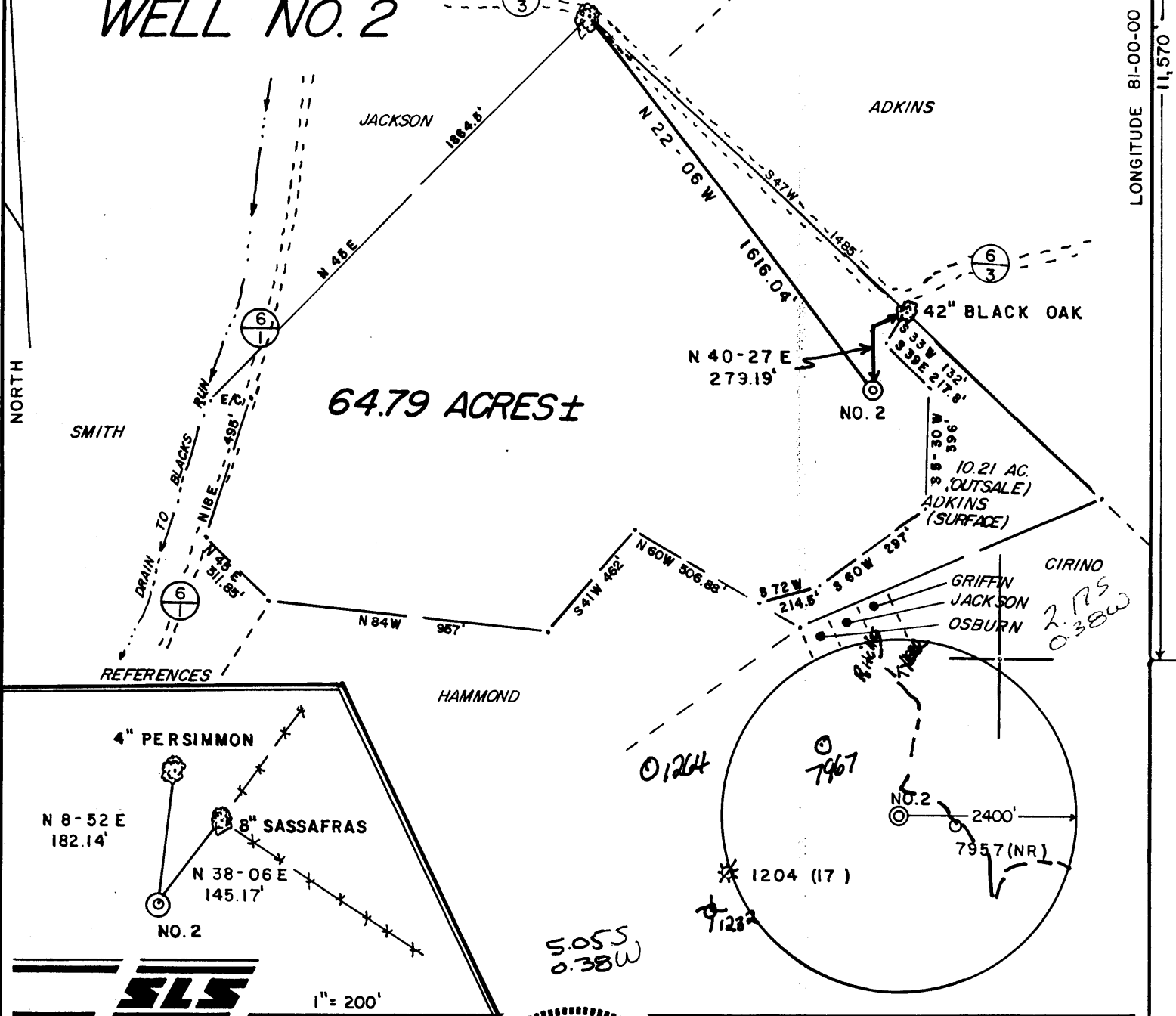
Jimie 8/16/90

LATITUDE 39-22-30

MIHLBAUER LEASE 129 ACRES ±

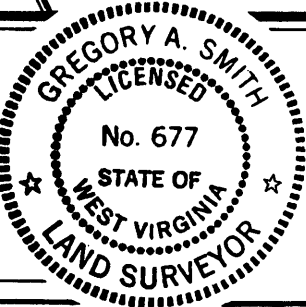
TOTAL

WELL NO. 2



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 30, 19 90
OPERATORS WELL NO. MIHLBAUER NO. 2
API WELL NO. 47 - 085 - 7968
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2376 (31-57,58)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1054' SCALE 1"=500'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1058' WATERSHED BLACKS RUN
DISTRICT CLAY COUNTY RITCHIE QUADRANGLE ELLENBORO 7.5' EC
SURFACE OWNER ROBERT P. JACKSON ACREAGE 64.79 St. Mary
ROYALTY OWNER ALAH W. REXROAD ET AL. LEASE ACREAGE 64.79 OF 129
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 BENSON
ESTIMATED DEPTH 5300'

WELL OPERATOR CHESTERFIELD ENERGY CORP. 163 DESIGNATED AGENT SAMUEL J. CANN AUG 10 1990
ADDRESS 203 WEST MAIN ST., CLARKSBURG, W.V. 26301 ADDRESS 203 WEST MAIN ST., CLARKSBURG, W.V. 26301

COUNTY NAME PERMIT

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

Well Operator's Report of Well Work

Farm name: JACKSON, ROBERT P. Operator Well No.: MIHLBAUER #2

LOCATION: Elevation: 1058.00 Quadrangle: ELLENBORO

District: CLAY County: RITCHIE
Latitude: 11570 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 2100 Feet West of 81 Deg. 0 Min. 0 Sec.

Company: CHESTERFIELD ENERGY CORP.
203 WEST MAIN STREET
CLARKSBURG, WV 26301-0000

Agent: SAMUEL J. CANN

Inspector: SAMUEL HERSMAN
Permit Issued: 08/07/90
Well work Commenced: 8/12/90
Well work Completed: 8/17/90
Verbal Plugging
Permission granted on: _____
Rotary XX Cable _____ Rig
Total Depth (feet) 5256'
Fresh water depths (ft) 78'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8		1002'	270 sks
4 1/2		5204'	200 sks

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4918'-4920'
Gas: Initial open flow 123 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 335 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 48 Hours
Static rock Pressure 1400 psig (surface pressure) after 72 Hours

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 _____ 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.

For: Samuel J. Cann
CHESTERFIELD ENERGY CORP.

By: *Samuel J. Cann*
Date: September 17, 1990

SEP 24 1990

Frac Info:

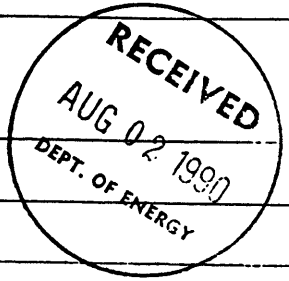
Benson: 8,000# 80/100 Sand
 45,000# 20/40 Sand
 630,000 SCF Nitrogen
 330 BBLs Water
 60 Quality Foam

Sand	0	35		
Red Rock	35	60	water @ 78'	
Sand	60	118		
Red Rock & Sand	118	746		
Sand	746	1311		
Red Rock & Shale	1311	1503		
Sand & Shale	1503	1920		
Big Lime	1920	2002		
Injun	2002	2140	Gas Ck @ 2053'	40/10-2" w/w
Sand & Shale	2140	2418	Gas Ck @ 2869'	14/10-1" w/mercury
Weir	2418	2454	Gas Ck @ 4861'	12/10-1" w/mercury
Sand & Shale	2454	2920	Gas Ck @ 5263'	10/10-1" w/mercury
Gordon	2920	2932		
Sahle	2932	2312		
Balltown	3512	3574		
Shale	3574	4918		
Benson	4918	4920		
Shale	4920	5140		
Alexander	5140	5150		
Shale	5150	5256		
TD	5256			

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

9556 (1) 337

- 1) Well Operator: CHESTERFIELD ENERGY CORPORATION
- 2) Operator's Well Number: MIHLBAUER WELL NO. 2 3) Elevation: 1058'
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Benson
- 6) Proposed Total Depth: 5300 feet
- 7) Approximate fresh water strata depths: 200'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill & Stimulate
- 12)



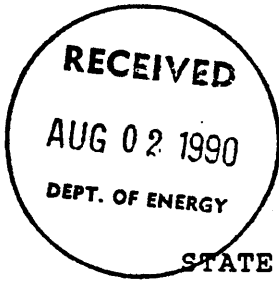
CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11-3/4"			32'	32'	0 Sacks
Fresh Water	8-5/8"			1000'	1000'	CTS by by 38 CSR 18-11.3
Coal						
Intermediate						
Production	4-1/2"			5300'	5300'	CTS or by 38 CSR 18-11.1
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

9469
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Account Blanket Agent
 (Type)



1) Date: July 31st, 1990
2) Operator's well number MIHLBAUER WELL NO. 2
3) API Well No: 47 - 085 - 7968
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 Robert P. Jackson
Address 124 East Main Street
Harrisville, WV 26362
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator:
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name N/A
Address _____
Name _____
Address _____

6) Inspector Samuel Hersman
Address Rt. 1, Box 240
Harrisville, WV 26362
Telephone (304)- 628 - 3185

(c) Coal Lessee with Declaration
Name N/A
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 XXX 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 7 on the above named parties, by:
XXX 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 CHESTERFIELD ENERGY CORPORATION
By: [Signature]
Its: V.P. OF LAND & CONTRACTS
Address 203 West Main Street
Clarksburg, WV 26301
Telephone 623 - 5467

Subscribed and sworn before me this 31st day of July, 1990

[Signature] Notary Public
My commission expires June 14, 1994