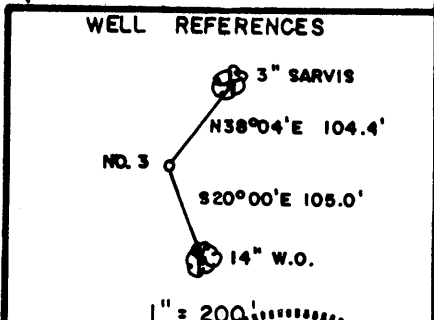
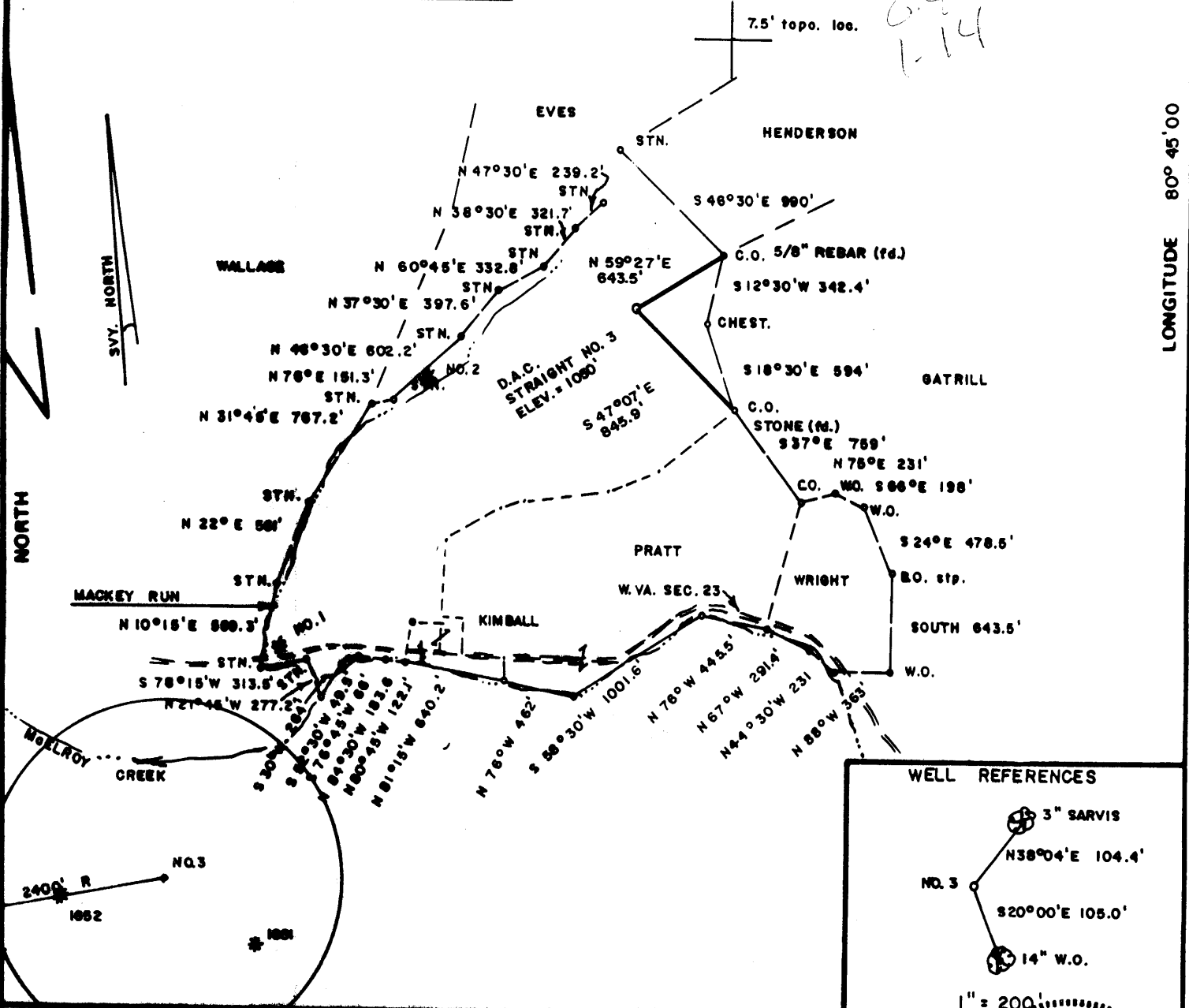


STRAIGHT LEASE 98.75 of 210 AC.

LATITUDE 39°25'00"

CHARLES STRAIGHT, et ux 98.75 AC. SURF.

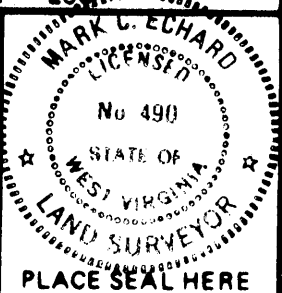
6.405
1-14



FILE NO. 1642
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. WEST OF LEASE
 ELEV. = 731'

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.

Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



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

FORM IV-6 (8-78)

DATE SEPTEMBER 26, 1996
 OPERATOR'S WELL NO. STRAIGHT NO. 3
 API WELL NO. 47-095-1665
 STATE 47 COUNTY 095 PERMIT 1665

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1050' WATER SHED MACKAY RUN of McELROY CREEK
 DISTRICT McELROY COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5'

SURFACE OWNER CHARLES STRAIGHT, et ux ACREAGE 98.75
 OIL & GAS ROYALTY OWNER WILLIAMS HEIRS LEASE ACREAGE 98.75 of 210
 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) 6-6 92

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2200'
 WELL OPERATOR D.A.C DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, W. VA. 26320 ALMA, W. VA. 26320

OCT 15 1996

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas

Well Operator's Report of Well Work

RECEIVED
 Environmental Protection
 DEC 03 1996
 Permitting
 Office of Oil & Gas

Farm Name: Straight, Charles
 Location: Elevation: 1050'
 District: McElroy
 Latitude: 2020 Feet South of
 Longitude: 6020 Feet West of
 Operators Well No.: #3
 Quadrangle: Shirley
 County: Tyler
 39 Deg. 25min. 0sec.
 80 Deg. 45 min. 0sec.

Company: Drilling Appalachian Corp
 P. O. Box 99
 Alma, WV 26320

casing tubing	used in drilling	left in well	cement fill up sks
9 5/8	150	133	50
6 5/8	1966	1909	300
4 1/2	2320	2249	80

Agent: Kenneth Mason

Inspector: Mike Underwood
 Permit Issued: 10//10/96
 Well Work Commenced: 10/23/96
 Well Work Completed: 10/28/96
 Rotary X Cable _____ Rig
 Total Depth (feet) 2320'
 Fresh Water Depths (ft) NA'
 Salt Water Depths (ft) 1380
 Is coal being mined in area (Y/N) N
 Coal Depths (ft): none

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 2099-2109
 Gas: Initial open flow 58 MCF/D Oil: Initial open flow 0 BBL/D
 Final open flow 200 MCF/D Final open Flow show BBL/D
 Static Rock Pressure 120 psig (surface pressure) after 24 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
 static rock pressure * psig (surface pressure) after * Hours

For: Drilling Appalachian Corp.

By: Kenneth R. Mason

Date: 11-18-96

DEC 6 1996

Stage	Formation	Perfs	Sand	N2
11-12-96	Straight #3	2099-2109		
1	Big Injun	16	120 sks	181,000scf

ISIP = 2043#

Drillers Log

Formation	Top	Bottom
Fill	0	5
Sh	5	20
Sd/Sh	20	382
Sd	382	433
Sd/Sh	433	575
Coal	575	579
Sd/Sh	579	696
Coal	696	701
Sd/Sh	701	1375
Sh	1375	1704
Sd	1704	1748
Sh	1748	1915
Lime	1915	1928
Sh	1928	1952
Lime	1952	2016
Sd	2016	2128
Sd/sh	2128	2320
TD	2320	

Electric Log Tops

Formation	Depth top
Big Lime	1950
Keener	2018
Big Injun	2077

Hole damp @ 1,380

gas ck @ 2039 = no show
 gas ck @ 2069 = 6/10 in 1" with H2O
 gas ck @ 2133 = 30/10 in 1" with H2O
 gas ck @ TD = 30/10 in 1" with H2O

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: DRILLING APPALACHIAN CORPORATION ³¹¹ 14425 (5) 607
- 2) Operator's Well Number: STRAIGHT 3 3) Elevation: 1050'
- 4) Well type: (a) Oil x/ or Gas x/ *Issued 10/10/96*
 (b) If Gas: Production x/ Underground Storage / *Expires 10/10/98*
 Deep / Shallow x/
- Proposed Target Formation(s): 371 Big Injun
- Proposed Total Depth: 2300' feet
- Approximate fresh water strata depths: _____
- Approximate salt water depths: _____
- Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill, perforate, stimulate new formation
- 12)

22705

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS			CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	9-5/8"			120'	120'	55 sacks-class A
Fresh Water						<i>[Signature]</i>
Coal						
Intermediate	7"	J-55	17#	1974	1974	38CSR18-11.22
Production	4-1/2"	J-55	10.5#	2200	2200	38CSR18-11.22
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Office of Oil and Gas Use Only

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

36/57

1) Date: September 30, 1996
2) Operator's well number
Straight #3
3) API Well No: 47 - 095 - 1665
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Charles Straight</u> Address <u>P.O. Box 2384</u> <u>Weirton, WV 26062</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator:</p> <p>Name _____ Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____ Address _____</p>
<p>6) Inspector <u>Mike Underwood</u> Address <u>Rte 2, Box 135</u> <u>Salem, WV 26426</u> Telephone (304)- <u>782-1043</u></p>	

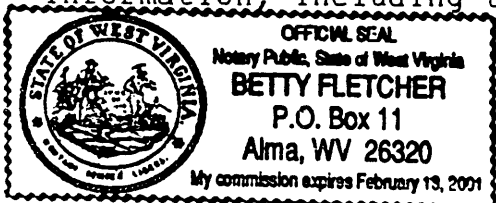
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

___ 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:
___ 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 DRILLING APPALACHIAN CORPORATION
By: Kenneth R. Flanagan
Its: President
Address PO Box 99
Alma WV 26320-0099
Telephone 304-758-4638

Subscribed and sworn before me this 30th day of September, 19 96

Betty Fletcher Notary Public
My commission expires 2/13/2001