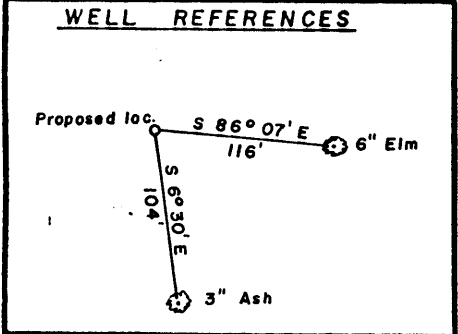
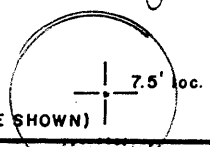


2.725
0.27w

2.725
0.27w

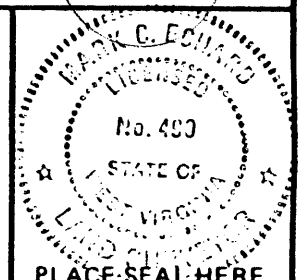


(ALL WELLS WITHIN 2400' ARE SHOWN)



FILE NO. 15-22
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Top of Knob SW of Location, ELEV. = 996'

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.
 (SIGNED) Mark C. Echard
 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 MAY 12, 19 88
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47-095-1238
 STATE TYLER COUNTY TYLER PERMIT

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 957' WATER SHED LITTLE CAMP MISTAKE RUN
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5' 607 133 CS West Union
 SURFACE OWNER EDNA DILLON (LIFE) ACREAGE 36 AC.
 OIL & GAS ROYALTY OWNER EDNA DILLON, et al LEASE ACREAGE 36
 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 BENSON - RILEY ESTIMATED DEPTH 5250'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, WV 26320 ADDRESS P.O. BOX 99 ALMA, WV 26320

MAY 27 1988

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

Well Operator's Report of Well Work

Farm name: DILLON, EDNA Operator Well No.: DILLON 1

LOCATION: Elevation: 957.00 Quadrangle: SHIRLEY

District: CENTERVILLE County: TYLER
Latitude: 14380 Feet South of 39 Des. 25Min. 0 Sec.
Longitude: 1470 Feet West of 80 Des. 50 Min. 0 Sec.

Company: DRILLING APPALACHIAN CORP
P. O. BOX 99
ALMA, WV

Agent: KENNETH R. MASON

Inspector: ROBERT LOWTHER
Permit Issued: 05/26/88
Well work Commenced: 6-7-88
Well work Completed: 6-12-88
Verbal Plussings
Permission granted on: _____
Rotary XXX Cable _____ Ris
Total Depth (feet) 5129
Fresh water depths (ft) 155
Salt water depths (ft) 1735

Casings & Tubings Size	Used in Drillings	Left in Well	Cement Fill Cu. Ft.
8 5/8	1290	1280	270 sks
4 1/2	5129	5045	300 sks

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4809
Gas: Initial open flow small MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 180 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1480 P_{sis} (surface pressure) after 48 Hours

Second producing formation Riley Pay zone depth (ft) 4245
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 _____ P_{sis} (surface pressure) after _____ Hours

Riley commingled with Benson

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: DRILLING APPALACHIAN CORP.

By: Kenneth Mason
Date: 7/27/88

AUG 5 - 1988

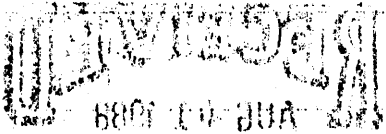
Perforate Benson 4909 to 4913 with 14 holes, frack with 100 sks 80/100
350 sks 20/40, 75,000 scf N2, and 435 bbls treated fluid.

Perforate Riley with 14 holes from 4245 to 4495, frack with 50 sks 80/100
200 sks 20/40, 50,000 scf N2 and 220 bbls treated fluid

Electric Log Tops

Big Lime	1824	hole damp	1735 ¹
Weir	2194		
Berea	2392		
✓ Benson 42	4892		

TD. 5129



DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

8011

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

- 1) Well Operator: Drilling Appalachian Corporation 14425, 1, 606
2) Operator's Well Number: Dillon #1 3) Elevation: 957'
4) Well type: (a) Oil X/ or Gas X/ (b) If Gas: Production X/ Underground Storage / Deep / Shallow X/
5) Proposed Target Formation(s): Benson/Riley 435
6) Proposed Total Depth: 5,250' feet
7) Approximate fresh water strata depths: 167' 476, 517'
8) Approximate salt water depths: 1412', 1790'
9) Approximate coal seam depths: None Show of coal possibly at 614' & 907'?
10) Does land contain coal seams tributary to active mine? Yes / NoXX /
11) Proposed Well Work: Drill, perforate, frac new formation
12)

CASING AND TUBING PROGRAM

Table with 7 columns: TYPE, SPECIFICATIONS, FOOTAGE INTERVALS, CEMENT. Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

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PACKERS : Kind Sizes Depths set

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

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

7/08

Handwritten notes and signatures on the left side of the form.

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MAY 25 1988

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: May 19, 1988
2) Operator's well number
Dillon #1
3) API Well No: 47 - 095 - 1238
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 Edna Dillon
Address Wilbur, WV 26459

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Robert Lowther
Address General Delivery
Middlebourne, WV 26149
Telephone (304)- 758-4764

5) (a) Coal Operator:
Name None
Address _____

(b) Coal Owner(s) with Declaration
Name None
Address _____

Name _____
Address _____

(c) Coal Lessee with Declaration
Name None
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
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 5 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: Kimith R. Mason
Its: President
Address PO Box 99, Alma, WV 26320-0099

Telephone (304) 758-4638

Subscribed and sworn before me this 19th day of May, 1988



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
P.O. Box 48
Alma, West Virginia 26320
My Commission Expires Jan. 28, 1997

My Commission on expires Jan. 28, 1997
Kimith R. Mason Notary Public