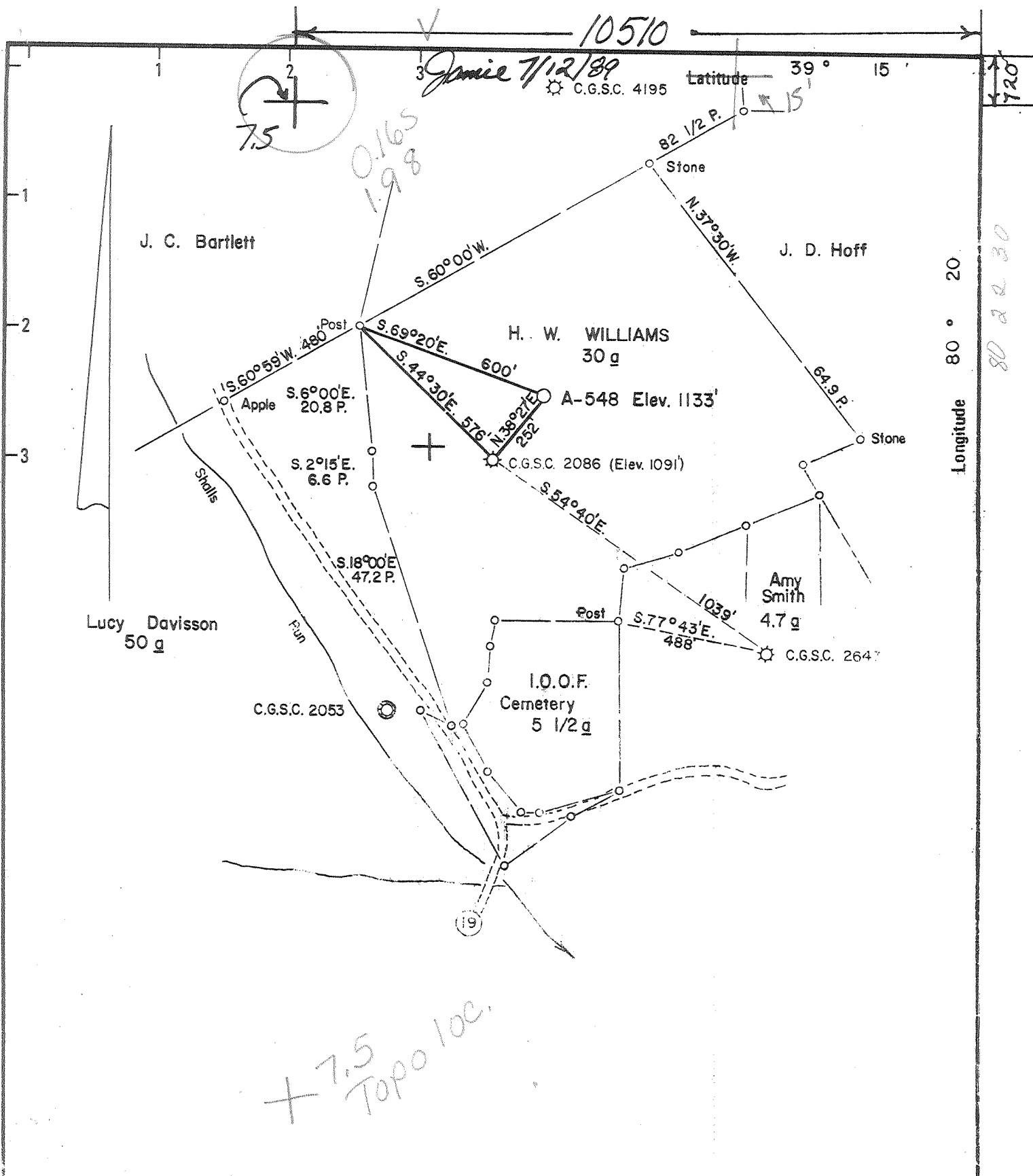


Free. $\text{\textcircled{D}}$ - 7/17
 New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure One Part in 200
 Source of Elevation C.G.S.C. Well 2086 Elev. 1091'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Encore Inc. 256
 Address Box 1738 Clarksburg, W.V.
 Farm H. W. WILLIAMS (Samstep Fuel Co. surf.) 2630
 Tract _____ Acres 30 Lease No. _____
 Well (Farm) No. 2 Serial No. A-548
 Elevation (Spirit Level) 1133'
 Quadrangle WESTON 15 / West Milford 7.5
 County HARRISON District UNION
 Engineer Daniel L. Wheeler
 Engineer's Registration No. L.L.S. 530
 File No. 21 Drawing No. _____
 Date 1-12-76 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. HAR-929
 (FRAC. Cancelled)
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.
 47-033 MAR 1 1991



Frac. 7/17
 New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure, One Part in 200
 Source of Elevation C.G.S.C. Well 2086 Elev. 1091'
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

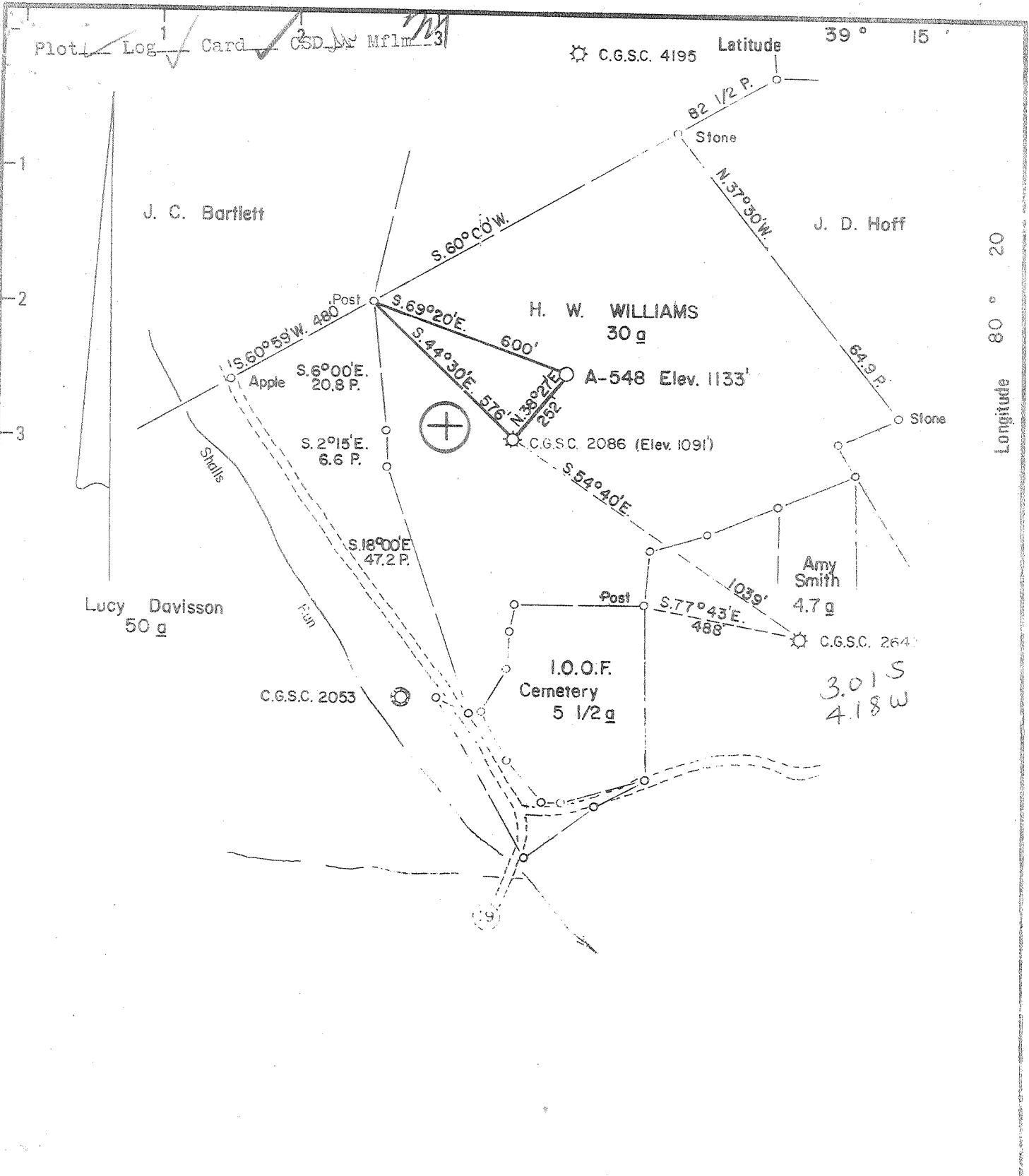
Company Essence Inc. 256
 Address PO Box Drawer 1738 Clarksburg, W.V. 26301
 Farm H. W. WILLIAMS (Samstep Fuel Co. succ)
 Tract _____ Acres 30 Lease No. _____
 Well (Farm) No. 2 Serial No. A-548
 Elevation (Spirit Level) 1133'
 Quadrangle WESTON 15 / West Mifflid 7.5
 County HARRISON District UNION
 Engineer Daniel L. Wheeler
 Engineer's Registration No. L.L.S. 530
 File No. 21 Drawing No. _____
 Date 1-12-76 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. HAR-929

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.
47-033

4500 Benson



New Location Drill Deeper Abandonment

Minimum Interval of Closure One Part in 200
 Source of Elevation C.G.S.C. Well 2086 Elev. 1091'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company ALLEGHENY LAND AND MINERAL COMPANY
 Address CLARKSBURG, W. VA. 26301
 Farm H. W. WILLIAMS (Somstep Fuel Co. surf.)
 Tract _____ Acres 30 Lease No. _____
 Well (Farm) No. 2 Serial No. A-548
 Elevation (Spirit Level) 1133'
 Quadrangle WESTON NC
 County HARRISON District UNION
 Engineer Daniel L. Miller
 Engineer's Registration No. L.L.S. '530
 File No. 21 Drawing No. _____
 Date 1-12-76 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. HAR-929

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-033

6-6 Jarvisville (151)

JAN 29 1976



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle WESTON
Permit No. HAR-929

Rotary Oil
Cable Gas
Recycling Comb.
Water Flood Storage
Disposal (Kind)

Company Allegheny Land & Mineral Co.
Address Box 1740, Clarksburg, WV 26301
Farm H. W. Williams Acres 30
Location (waters) Shalls Run-Buffalo Creek
Well No. A-548 Elev. 1133'
District Union County Harrison
The surface of tract is owned in fee by
Samstep Fuel Company, Rt. 5
Address Box 584, Clarksburg, Wv 26301
Mineral rights are owned by same
Address _____

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size 20-16 | | | |
| Cond. 13-3/8" | 17' | 0 | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 728' | 728' | Cement to surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 4458' | 4458' | Cement to 4050' |
| 3 | | | |
| 2 | | | |
| Liners Used | | | |

Drilling Commenced February 4, 1976
Drilling Completed February 10, 1976
Initial open flow 146 M cu. ft. _____ bbls.
Final production 1639 Mcu. ft. per day _____ bbls.
Well open 4 hrs. before test 1560# RP
Well treatment details: after 15 hrs.

Attach copy of cementing record.

Fractured 2-19-76

P. J. and pup 4370-4371, 4375-81, 4396-98

Coal was encountered at 255 Feet _____ Inches
Fresh water 255 & 913 Feet _____ Salt Water _____ Feet _____
Producing Sand Benson Depth 4360 - 4400'

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|--------------------|-------|--------------|----------|-------------|-------------------|---------------------------------|
| Clay | | | 0 | 10 | | |
| Shale and Sand | | | 10 | 255 | | |
| Coal ***** | | | 255 | 257 | | |
| Shale and Sand | | | 257 | 885 | | |
| Sand | | | 885 | 920 | | Water @ 913' - 1" stream |
| Shale and Sand | | | 920 | 1170 | | |
| Red Rock | | | 1170 | 1195 | | |
| Shale and Sand | | | 1195 | 1398 | | |
| Big Lime Sand | | | 1398 | 1496 | | <u>4370' - 4398' - 12 shots</u> |
| Injun Sand | | | 1496 | 1550 | | |
| Shale and Sand | | | 1550 | 2302 | | |
| 5th Sand | | | 2302 | 2324 | | |
| Sand | | | 2324 | 2420 | | |
| Shale and Sand | | | 2420 | 3228 | | |
| Sand | | | 3228 | 3256 | | |
| Slate and Shale | | | 3256 | 4360 | | |
| <u>Benson Sand</u> | | | 4360 | 4400 | | |
| Slate and Shale | | | 4400 | 4500 | | |
| Total depth | | | | 4500 | Driller | |

(over)

* Indicates Electric Log tops in the remarks section.

RECEIVED

JAN 15 1976

OIL & GAS DIVISION
DEPT. OF MINES

Under lease or grant dated the 29th day of April, 1905, by Harvey W. Williams and Myrtle M. Williams, his wife, unto Crude Oil Company, subsequently Consolidated Gas Supply Corporation. This lease was recorded on the 26th. day of June, 1906, in Deed Book 155 at Page 356, in the office of the County Clerk of Harrison County, West Virginia.

The drilling rights to the subject lease is vested unto Allegheny Land and Mineral Company by virtue of an agreement dated the 10th. day of October, 1975, granted by Consolidated Gas Supply Corporation.

GW

12

033-0929-F
issued 7/17/89 Expires 7/17/91

FORM WW-2B

Page 3 of 8

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

- 1) Well Operator: Ensorce Inc. 16100 (o), 668
- 2) Operator's Well Number: Williams A-548 3) Elevation: 1133'
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): 5th Sand
- 6) Proposed Total Depth: 4458 feet
- 7) Approximate fresh water strata depths: 255 & 913
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: 255'
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Stimulate Epistone Well Frac
- 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 | | | | | | |
| Fresh Water | 8 5/8" | J-55 | 24 | 728 | 728 | ETS |
| Coal | | | | | | |
| Intermediate | | | | | | |
| Production | 4 1/2" | J-55 | 10.5 | 4458 | 4458 | fill up 4050 |
| Tubing | | | | | | |
| Liners | | | | | | |

9130

PACKERS : Kind None
Sizes _____
Depths set _____

RECEIVED
JUN 26 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

159375
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket sure Agent
(Type)

RECEIVED
JUN 26 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: June 19, 1989
Operator's well number
Williams A-548
API Well No: 47 - 033 - 0929 - FRAC
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 Samstep Fuel Company
Address Rt. 5, Box 584
Clarksburg, WV 26301
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name _____
Address _____
- (b) Coal Owner(s) with Declaration
Name _____
Address _____
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector _____
Address _____
Telephone (304)- _____

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 6 on the above named parties, by:

- Personal Service (Affidavit attached)
- x 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 Ensource Inc.
By: Gregory A. Shockley Gregory A. Shockley
Its: Designated Agent
Address P. O. Drawer 1738
Clarksburg, WV 26301
Telephone (304) 624-9653

Subscribed and sworn before me this 21st day of June, 1989

Wayne L. Cuder

My commission expires March 23, 1993 Notary Public



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JAN 15 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE January 13th., 1976

Surface Owner Samstep Fuel Company Company Allegheny Land and Mineral Company

Address Rt. 5, Box 584, Clarksburg, WV 26301 Address Box 1740, Clarksburg, WV 26301

Mineral Owner same Farm H. W. Williams (min) Acres 30

Address _____ Location (waters) Shalls Run of Buffalo Creek of

Coal Owner same Well No. A-548 Elevation 1133'

Address _____ District Union County Harrison

Coal Operator none Quadrangle WESTON

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 5-15-76

Robert Hood
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
PH: 632-3871 ADDRESS Clarksburg, W.Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated see attached 19____ by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours, Allegheny Land and Mineral Co.
(Sign Name) By: Paul E. Watkins Manager
Land - Lease and Right of Way
P. O. Box 1740
Street
Clarksburg,
City or Town
West Virginia 26301
State

Address
of
Well Operator

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

Har-929 PERMIT NUMBER
47-033

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL DEEPEN FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If known)

RESPONSIBLE AGENT:

NAME Union Drilling, Inc.

NAME Allegheny Land and Mineral Co.

ADDRESS Buckhannon, WV 26201

ADDRESS Clarksburg, WV 26301

TELEPHONE

TELEPHONE 623-6671

ESTIMATED DEPTH OF COMPLETED WELL: 4500'

ROTARY CABLE TOOLS

PROPOSED GEOLOGICAL FORMATION: Benson

TYPE OF WELL: OIL GAS COMB. STORAGE DISPOSAL

RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

| CASING AND TUBING SIZE | USED FOR DRILLING | LEFT IN WELL | CEMENT FILL UP OR SACKS - CUBIC FT. |
|------------------------|-------------------|--------------|-------------------------------------|
| 20 - 16 | 20' | 20' | cement to surface |
| 13 - 10 | | | |
| 9 - 5/8 | | | |
| 8 - 5/8 | 600' | 600' | cement to surface |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 4500' | 4500' | cement to 300' above Benson horizon |
| 3 | | | |
| 2 | | | |
| Liners | | | |
| | | | Perf. Top |
| | | | Perf. Bottom |
| | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 40-60 FEET SALT WATER FEET

APPROXIMATE COAL DEPTHS Location below mineable coal beds

IS COAL BEING MINED IN THE AREA? no

BY WHOM?

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title