

9100'

Latitude 38° 35'
38° 32' 30"

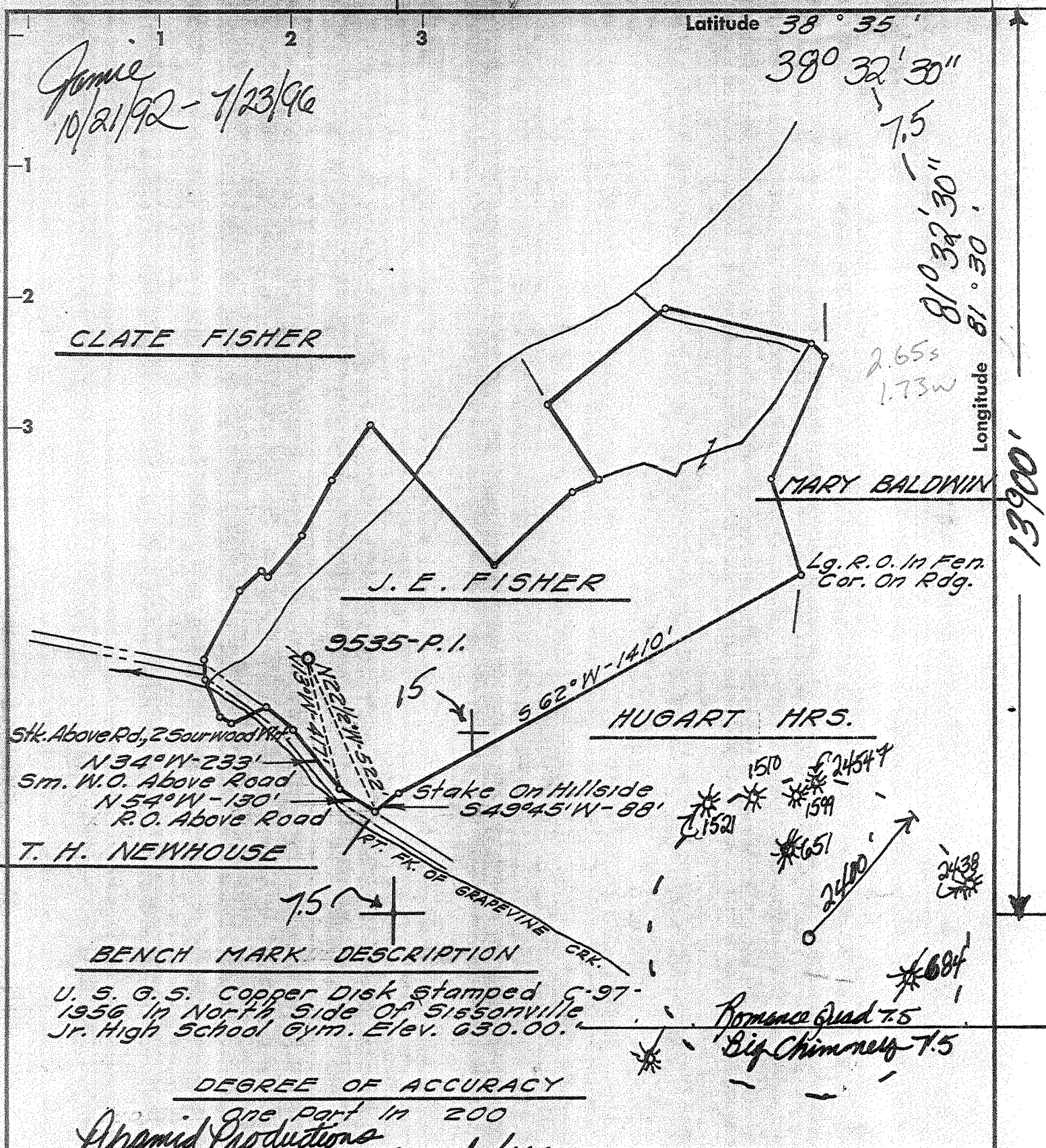
Janice
10/21/92 - 1/23/96

81° 32' 30"

Longitude 81° 30'

2.65s
1.73w

1390'



BENCH MARK DESCRIPTION

U. S. G. S. Copper Disk stamped G-97-1956 in North side of Sissonville Jr. High School Gym. Elev. 630.00.

DEGREE OF ACCURACY

one part in 200

Pyramid Productions

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company Viking Energy Inc.
 Address Box 13366, Sissonville, W. Va.
 Farm J. E. FISHER, ET. AL. MERGER
 Tract _____ Acres 258 Lease No. 47518 ET
 Well (Farm) No. _____ Serial No. 9535 P.1
 Elevation (Spirit Level) 868.99'
 Quadrangle KENNA15/Romance 7.5
 County KANAWHA District POCA
 Engineer Adrian E. Hardman
 Engineer's Registration No. 2330
 File No. 04-69 Drawing No. _____
 Date AUG. 21, '69 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL & GAS
 NITRO, WEST VIRGINIA 25143

WELL LOCATION MAP

API. Well No 47-039-02427

Well drilled in 1969 TD
 5812' Production from Newburg
 fracture Newburg's Cracking in 1963
 Refrac Cracking & Mall. 1996.

JUL 26 1999

DEEP WELL

9100'

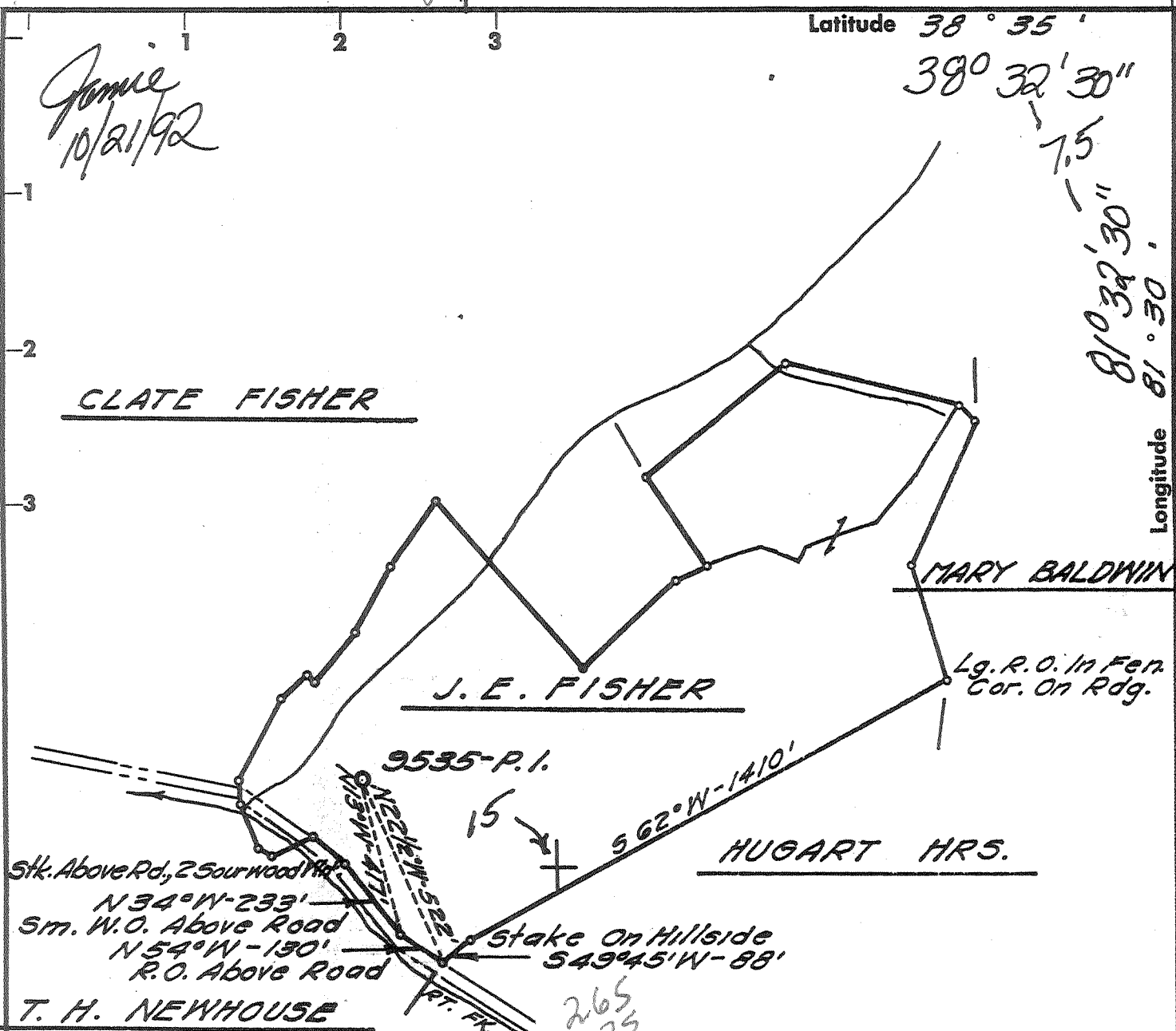
Jonnie
10/21/92

Latitude 38° 35'
38° 32' 30"

7.5
81° 32' 30"
Longitude 81° 30'

Longitude 81° 30'

13900'



Stk. Above Rd., 2 Sourwood Pl.
N 34° W - 233'
Sm. W.O. Above Road
N 54° W - 130'
R.O. Above Road
T. H. NEWHOUSE

9535-P.I.
15
S 62° W - 1410'
Stake on Hillside
S 49° 45' W - 88'

BENCH MARK DESCRIPTION

U. S. G. S. Copper Disk stamped C-97-1956 in North Side of Sissonville Jr. High School Gym. Elev. 630.00.'

DEGREE OF ACCURACY
One Part in 200

5.53
4.00

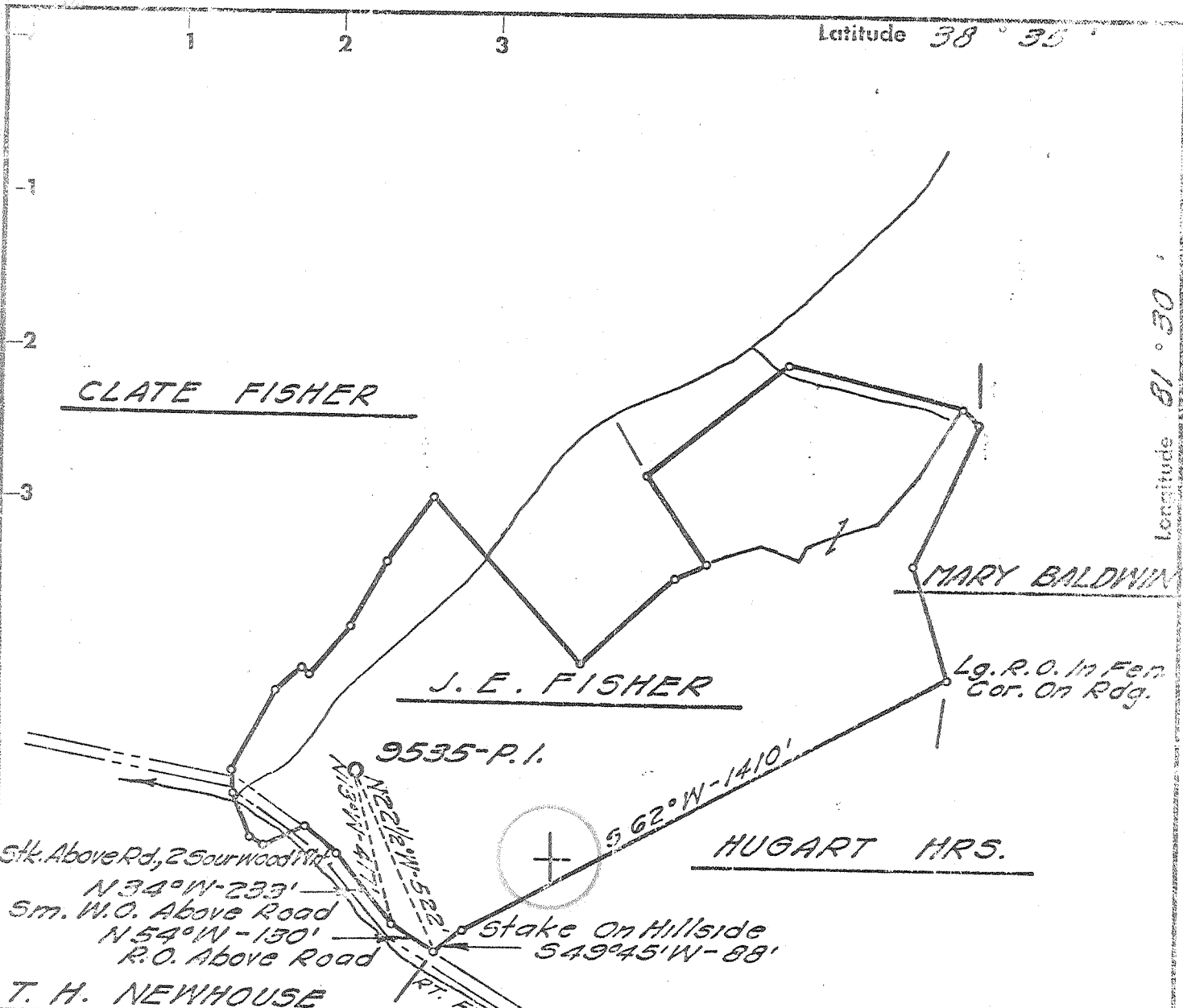
- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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| | |
|---|--|
| Company: <u>Viking Energy Inc. : 1095</u> | STATE OF WEST VIRGINIA |
| Address: <u>Box 13366, Sissonville, W. 25360</u> | DEPARTMENT OF MINES |
| Farm: <u>J. E. FISHER, ET. AL. Michael White</u> | OIL AND GAS DIVISION |
| Tract: _____ Acres: <u>258</u> Lease No. <u>47518 ET. AL.</u> | CHARLESTON |
| Well (Farm) No. _____ Serial No. <u>9535-P.I.</u> | WELL LOCATION MAP |
| Elevation (Spirit Level) <u>868.99'</u> | <u>API. Well No 47-039-02427</u> |
| Quadrangle <u>(SE) KENNAIS/Romance 7.5</u> | <u>Rayback Rebeck's</u> |
| County <u>KANAWHA</u> District <u>POCA 8</u> | + 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. |
| Engineer <u>Adrian E. Hardman</u> | OCT 30 1992 |
| Engineer's Registration No. <u>2330</u> | - Denotes one inch spaces on border line of original tracing. |
| File No. <u>64-69</u> Drawing No. _____ | |
| Date <u>AUG. 21, '69</u> Scale <u>1" = 400'</u> | |

DEEP WELL owned 6-6 Elk-Poca (Sissonville) (192)

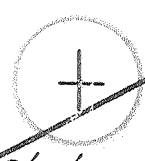


Latitude $38^{\circ} 35'$

Longitude $81^{\circ} 30'$

Stk. Above Rd, 2 Sourwood Mt.
 N 34° W - 233'
 5m. W.O. Above Road
 N 54° W - 150'
 R.O. Above Road
T. H. NEWHOUSE

9535-P.1.



Stake On Hillside
 S 49° 45' W - 88'

HUGART MRS.

MARY BALDWIN

J. E. FISHER

CLATE FISHER

BENCH MARK DESCRIPTION

U. S. G. S. Copper Disk Stamped C-97-
 1956 in North Side of Sissonville
 Jr. High School Gym. Elev. 630.00'

DEGREE OF ACCURACY

One Part in 200

5425
 4100 W

- Fracture
- Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm J. E. FISHER, ET. AL.
 Tract _____ Acres 258 Lease No. 47518 ET. AL.
 Well (Farm) No. _____ Serial No. 9535 P.1.
 Elevation (Spirit Level) 868.99'
 Quadrangle KENNA 56
 County KANAWHA District POCA
 Engineer Edmond F. Headman
 Engineer's Registration No. 2330
 File No. 64-69 Drawing No. _____
 Date AUG. 21, '69 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-2427

+ 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.

Deep Well (Newburg)

* U. F. G. Co. 90.0332%
 Allen Beard 8.3056%
 Cramon Stanton, Inc. 1.6612%

Map Square 64-69

Form OG-10



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
WELL RECORD

Rotary
 Spudder
 Cable Tools
 Storage E. W. L.
 Oil or Gas Well **Gas**
 (KIND)

Allen
 Quadrangle Kenna 38° 45'
Sissonville 9-51
 Permit No. KAN: 2427

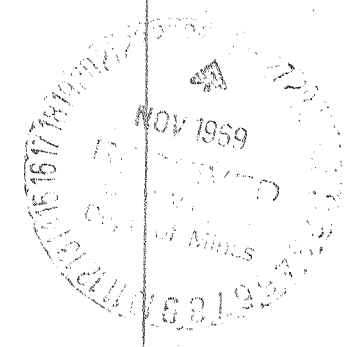
Company United Fuel Gas
 Address Charleston, West Virginia
 Farm J. E. Fisher Acres 258
 Location (waters) Grapevine KB 869.15
 Well No. 9535 PI Elev. 868.99
 District Poca County Kanawha
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by * _____
 Address _____
 Drilling commenced September 25, 1969
 Drilling completed October 3, 1969
 Date Shot _____ From _____ To _____
 With _____
 Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
 Volume 207 MCF G.P.D. Cu. Ft.
 Rock Pressure _____ lbs _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) _____

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | Kind of Packer |
| 16" | | | |
| 13" | | 157' | |
| 9-5/8" | | 1821' | Size of |
| 8 1/4" 7" | | 5797' | |
| 6 3/4" | | | Depth set |
| 5 3/16" | | | |
| 4 1/2" | | | |
| 3" | | | Perf. top |
| 2" | | 5785' | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

Attach copy of cementing record.
 CASING CEMENTED 7" SIZE 5736 No. Fl. _____ Date _____
 Amount of cement used (bags) 150
 Name of Service Co. Dowell
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) Did not fracture 707,000
 ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
 Fresh Water _____ Feet _____ Salt Water 1100 Feet _____
 Producing Sand Newburg Depth 5812

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|-----------------------|-------------|--------------|------|--------|----------------------------------|-------|----------------|
| oil | | | 0 | 21 | | | |
| ed Rock | | | 21 | 26 | Damp @ 70' | | |
| hale | | | 26 | 68 | | | |
| and | | | 68 | 85 | Hole wet @ 1120' | | |
| ed Rock | | | 85 | 90 | | 5769 | 5769 |
| and | | | 90 | 95 | Gas @ 1710' | 4958 | 869 |
| rown Shale | | | 95 | 102 | | 7811 | 4900 |
| ed Rock | | | 102 | 110 | | | |
| and & Shale | | | 110 | 150 | | | |
| and | | | 150 | 210 | | | |
| hale | | | 210 | 380 | | | |
| and | | | 380 | 645 | | | |
| hale | | | 645 | 675 | | | |
| and-Shale | | | 675 | 705 | | | |
| rown Shale | | | 705 | 735 | | | |
| and | | | 735 | 765 | | | |
| hite Sand | | | 765 | 825 | | | |
| rown Sand | | | 825 | 1100 | | | |
| alt Sand | <u>Salt</u> | | 1100 | 1484 | | | |
| andy Lime | | | 1484 | 1550 | Final Open Flow: 207 Mcf | | |
| me | | | 1550 | 1715 | Casing Points: | | |
| njun | | | 1715 | 1770 | 13-3/8" 157' | | 250-sks cement |
| hale | | | 1770 | 4857 | 9-5/8" 1821' | | 650-sks cement |
| ornif. Lime | | | 4857 | 4958 | 7" 5785' | | 150-sks cement |
| risky | | | 4958 | 4985 | Permit No. KAN-2427 | | |
| mo & Dol. | | | 4985 | 5736 | Shut In 7" Casing 10-3-69 | | |
| mo & Dol. | | | 5736 | 5769 | Logs Run: Gamma, Density-Caliper | | |
| uburg | | | 5769 | 5783 | | | |
| imits <u>McKenzie</u> | | | 5783 | 5812 | | | |



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

SEP 3 0 92

Issued 10/26/92
 Expires 10/26/94

- 1) Well Operator: Viking Energy Inc. 51440 (8) 415
- 2) Operator's Well Number: J. E. Fisher #1 WV9535 3) Elevation: 868.99
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production ___ / Underground Storage ___ /
 Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): Shale Sand
- 6) Proposed Total Depth: 4857 feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Perforate and Fracture Shale Sand
- 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 | 13 | | | 157' | 157' | 250 bags |
| Fresh Water | 9 5/8 | | | 1821' | 1821' | 650 bags |
| Coal | | | | | | |
| Intermediate | 7 | | | 5797' | 5797' | 150 bags |
| Production | | | | | | |
| Tubing | | | | | | |
| Liners | | | | | | |

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

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

14351

3505/33

SEP 30 92
Permitting
Office of Oil & Gas

1) Date: September 21 1992
2) Operator's well number
J. E. Fisher #1 WV 9535
3) API Well No: 47 - 39 - 2427 -FRAC
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>John A. Feild & Michael White</u> Address <u>P. O. Box 630</u> <u>Poca, WV. 25159</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 Name <u>See attached sheet</u> Address _____</p> <p>(c) Coal Lessee with Declaration Name _____ Address _____</p> |
| <p>6) Inspector _____ Address _____ Telephone (304)- _____</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)
- 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.

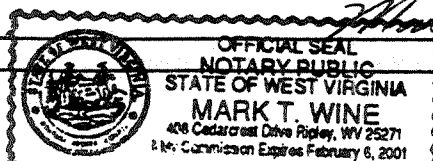
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Viking Energy Inc.
 By: *Michael P. ...*
 Its: _____ Designated Agent
 Address P. O. Box 13366
Sissonville, WV. 25360
 Telephone 304-984-3389

Subscribed and sworn before me this 24 day of September, 1992

My commission expires _____



Mark T. Wine Notary Public

State of West Virginia
 DEPARTMENT OF ENERGY
 Division of Oil and Gas
 Well Operator's Report of Well Work

WR-35
 Environmental Protection
 2 2 93
 Permitting
 Office of Oil & Gas

Name: Fisher, J.E. Operator Well No. Fisher #1 - WV 9535
 Location: Elevation: 868.99 Quadrangle: Kenna 7 1/2"
 District: Poca County: Kanawha
 Latitude: 14000' Feet South of 38 Deg. 32 Min. 30 Sec.
 Longitude: 9100' Feet West of 81 Deg. 32 Min. 30 Sec.

Company: Viking Energy, Inc.
 P.O. Box 13366
 Sissonville, WV 25360
 Agent: Michael Pinkerton
 Inspector: Carlos Hively
 Permit Issued: 10/26/92
 Well work Commenced: 11/10/92
 Well work Completed: 11/25/92
 Verbal Plugging Permission granted on:
 Rotary _____ Cable _____ Rig
 Total Depth (feet) _____
 Fresh water depths (ft) n/a
 Salt water depths (ft) n/a
 Is coal being mined in area _____
 (Y/N)?CoalDepths (ft): No

| Casing & Tubing Size | Used in Drilling | Left in well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| | | | |
| 7" | | *5797' | * |
| | | | |
| | | | |
| | | | |

OPEN FLOW DATA

Producing formation Brown Shale
 Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d
 Final open flow 150 MCF/D Final open flow 0 Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 300 psig (surface pressure) after 24 Hours

*See Back

Pay zone depth (ft) *

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.

JUL 30 1993

FOR: Viking Energy, Inc.

Reviewed TM6
 Recorded _____

BY: W Thomas White Consultant
 DATE: 7-6-93

STIMULATION SUMMARY

Partial Plugging Data:

Ran 250' cement plug (150' of Class A, and 100' of Latex)
from TD (5797') to 5547'.

Squeeze Cement Data:

7" casing perforated at 4100' and squeeze cemented.
Total Depth inside 7" at 5511'.

Recompletion Data:

Devonian "Brown" Shale ^{813 813} 3752-3922' 20 holes
75 quality foam frac, 45,000 lbs 20/40 sand

See original record for additional formation information and flow data.

TD 5812
DF 545
OPT 535*

JUL 30 1993

WR-35

19-Jul-96
API # 47- 39-02427 F

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

Well Operator's Report of Well Work

Farm name: PYRAMID PRODUCTIONS INC. Operator Well No.: J.E. FISHER #1

LOCATION: Elevation: 868.99 Quadrangle: KENNA

District: POCA County: KANAWHA
Latitude: 13900 Feet South of 38 Deg. 32Min. 30 Sec.
Longitude 9100 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: VIKING ENERGY CORPORATION
P. O. BOX 13366
SISSONVILLE, WV 25360-0000

Agent: MICHAEL PINKERTON

Inspector: CARLOS HIVELY
Permit Issued: 07/22/96
Well work Commenced: 7-1-98
Well work Completed: 9-16-98
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 4990
Fresh water depths (ft) _____
Salt water depths (ft) _____

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

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 13" | | 157 | cemented to surface |
| 9 5/8" | | 1821 | 1000' to surface |
| 7" | | 5797 | |
| | | | |
| | | | |

OPEN FLOW DATA

Producing formation ORISKANY Pay zone depth (ft) 4990
Gas: Initial open flow 100 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 20 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 85 psig (surface pressure) after 24 Hours

Second producing formation SHALE Pay zone depth (ft) 4000
Gas: Initial open flow 50 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 15 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 150 psig (surface pressure) after 24 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: VIKING ENERGY CORPORATION

By: MICHAEL PINKERTON
Date: 12-7-98

KAN 2427 F

DEC 21 1998

**VIKING ENERGY CORP.
PROCEDURE FOR STIMULATION
FISHER #1 A.P.I.#47-39-2427**

8-5-98 PERFORATED 30 HOLES OVER INTERVAL OF 4957'-4991'

8-10-98 TREATED WELL WITH 500 GAL. 15% HCL ACID
THEN TREATED WITH 66,000 C.F. NITROGEN AT A PRESSURE UPTO
1900P.S.I.

VIKING ENERGY CORP.
FISHER #1
DEC 06 1998