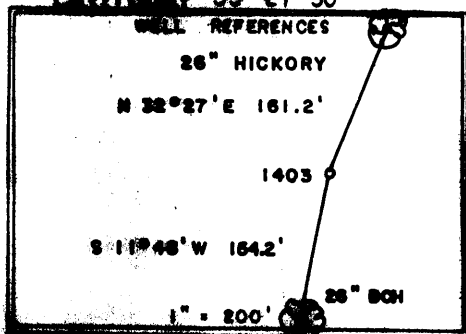


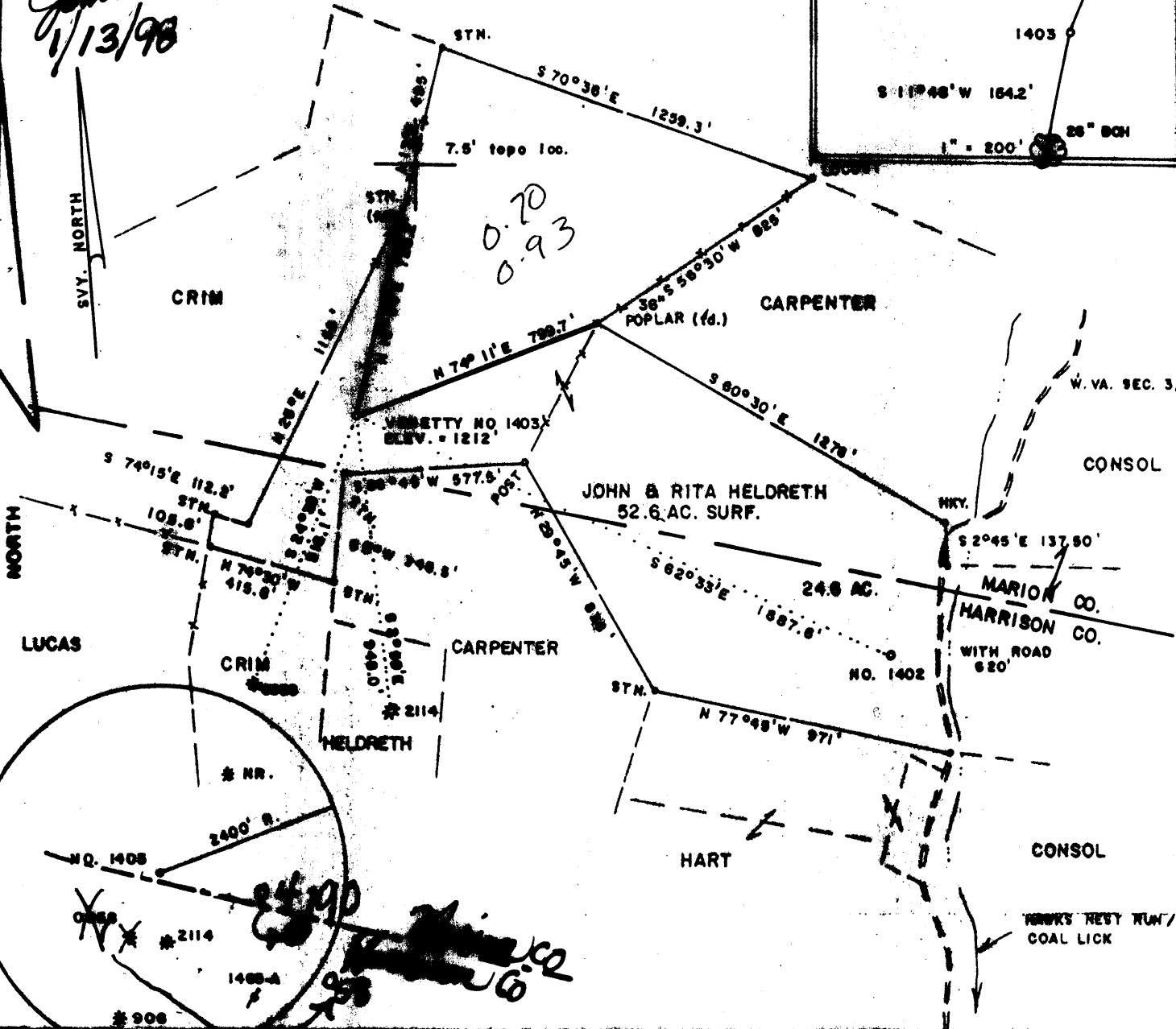
VENETTY LEASE 52.6 AC.±

Janil
1/13/98

10, 200' W



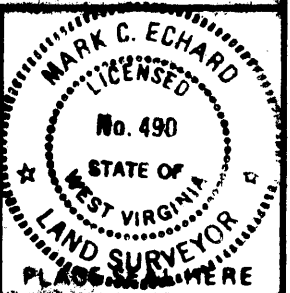
LONGITUDE 80° 20' 00"



0.20
0.93

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEVATION TOP OF KNOB NW SIDE OF LEASE ELEV. = 1358'

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



WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
MARTINSBURG, WEST VIRGINIA 25142-2506
(878)



DATE DECEMBER 18 19 97
OPERATOR'S WELL NO. VENETTY 1403
API WELL NO. 47-049-01078
STATE COUNTY PERMIT

WELL TYPE: OIL GAS ✓ LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW ✓
LOCATION: ELEVATION 1212 WATERSHED BINGAMON CREEK
DISTRICT MANNINGSTON COUNTY MARION
QUADRANGLE SHINNSTON 7.5'
SURFACE OWNER JOHN G. & RITA L. HELDRETH ACREAGE 52.6
OIL & GAS ROYALTY OWNER JOHN G. & RITA L. HELDRETH LEASE ACREAGE 52.6
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 SENON ESTIMATED DEPTH 5100'
WELL OPERATOR TRIO PETROLEUM CORP. (DESIGNATED AGENT STEPHEN E. HOLLOWAY)
ADDRESS P.O. BOX 880 ADDRESS P.O. BOX 880
GLENVILLE, WV 26351 GLENVILLE, WV 26351

JAN 16 1998

BIAS BLUEPRINT Huntington, W.V. 579536

Permitting
Office of Oil & Gas

FEB 2 1998

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

Well Operator's Report of Well Work

Farm name: **HELDRETH, JOHN G. ETUX** Operator Well No.: **VENETTY 1403**

LOCATION: Elevation: **1,212.00** Quadrangle: **SHINNSTON**

District: **MANNINGTON** County: **MARION**
Latitude: **3710** Feet South of **39** Deg. **27** Min. **30** Sec.
Longitude: **10200** Feet West of **80** Deg. **20** Min. **0** Sec.

Company: **TRIO PETROLEUM CORP.**
P. O. BOX 880
GLENVILLE, WV 26351-0880

Agent: **STEPHEN E. HOLLOWAY**

INSPECTOR: **RANDAL MICK**

Permit Issued: **01/14/98**

Well work commenced: **02/09/98**

Well Work completed: **02/14/98**

Verbal Plugging

Permission granted on:

Rotary **X** Cable Rig

Total Depth (feet) **4,344'**

Fresh water depths (ft) **77'**

Salt water depths (ft) **1,116'**

Is coal being mined in area (Y/N)? **Y**

Coal Depths (ft): **256-258; 384-388**

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	396'	396'	C. T. S.
8-5/8"	1,635'	1,635'	C. T. S.
4-1/2"		4,248'	215 Sks.

OPEN FLOW DATA

Producing formation **Balltown** Pay zone depth (ft) **SEE TREATMENT**

Gas: Initial open flow **N/A** MCF/d Oil: Initial open flow **N/A** Bbl/d

Final open flow **257** MCF/d Final open flow **N/A** Bbl/d

Time of open flow between initial and final tests **4** Hours

Static Rock pressure **1,210** psig (surface pressure) after **48** 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 STIMULATION, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.



For: **TRIO PETROLEUM CORP.**

By: **Daniel R. Chapman, Geologist**

Date: **February 24, 1998**

MAR 06 1998

1st Stage: Balltown (4142-3825) 500 gal 15% HCL, 7500# 80/100,
55,000# 20/40, 492 mcf N₂, 313 bbl H₂O

2nd Stage: Balltown (3646-3631) 750 gal 15% HCL, 7500# 80/100,
55,000# 20/40, 466 mcf N₂, 315 bbl H₂O

Sand, Shale	0	517	Damp @ 77'
Sand, Shale, Red Rock	517	1060	Damp @ 1116'
Sand, Shale	1060	1629	
Little Lime	1629	1644	
Blue Monday	1644	1677	Coal @ 256'-258'
Big Lime	1677	1733	384'-388
Big Injun	1733	1831	
Sand, Shale	1831	3110	
Speechly Section	3110	3337	
Shale	3337	3361	
Balltown Section	3361	4344	T. D.

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL WORK PERMIT

This permit, issued to TRIO PETROLEUM CORP. is evidence of permission granted to perform the specified well work at the location described on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the ___ pages attached hereto. Notification shall be given to the Oil and Gas Inspector RANDAL MICK at 304-288-4600 prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and in addition may result in civil and/or criminal penalties.

Well work to be conducted under this permit shall be commenced within two (2) years from date of issue.

Theodore M. Streit
Chief

By:  _____

Title:  _____

Operator's Well No: VENETTY 1403

Farm Name: HELDERETH, JOHN G. ETUX

API Well Number : 47- 49-01078

Date Issued : 01/14/98

Expires two (2) years from issue date.

Rec 12/24/97

049-1078

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

Well Operator: Trio Petroleum Corp. 5005° (4) 606

Operator's Well Number: Venetty 1403 3) Elevation: 1,212'

Well type: (a) Oil ___/ or Gas X/

(b) If Gas: Production X/ Underground Storage ___/
Deep ___/ Shallow X/

Proposed Target Formation(s): Benson

6) Proposed Total Depth: 5,100' feet

7) Approximate fresh water strata depths: 110'

8) Approximate salt water depths: N/A

9) Approximate coal seam depths: 375'

10) Does land contain coal seams tributary to active mine? Yes ___/ No X/

11) Proposed Well Work: Drill and stimulate new well.

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						3858/11.3
Fresh Water						3858/11.2.2
Coal	11-3/4"	A P I	32#	396'	396'	C. T. S.
Intermediate	8-5/8"	A P I	20#	1,215'	1,215'	C. T. S.
Production	4-1/2"	A P I	10.5#		5,100'	300 Sks.
Tubing						3858/11.1
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Divison of Oil and Gas Use Only

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

RECEIVED
WV Division of
Environmental Protection
DEC 29 1997
Permitting
Office of Oil & Gas

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24748

RECEIVED
WV Division of
Environmental Protection

DEC 29 1997

Permitting
Office of Oil & Gas

- 1) Date: December 22, 1997
- 2) Operator's well number Venetty 1403
- 3) API Well No: 47 - 049 - 1078
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name John G. Heldreth et ux Address Rt. 3, Box 460 Fairmont, WV 26554
 - (b) Name _____ Address _____
 - (c) Name _____ Address _____
- 5) (a) Coal Operator:
 - Name Consolidation Coal Company Address Consol Plaza, 1800 Washington Rd. Pittsburgh, PA 15241
 - (b) Coal Owner(s) with Declaration
 - Name N/A Address _____
 - (c) Coal Lessee with Declaration
 - Name _____ Address _____
- 6) Inspector Randal Mick Address 111 Blackshere Drive Mannington, WV 26582 Telephone (304)- 288-4600

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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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:

- Personal Service (Affidavit attached)
- x Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 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 Trid Petroleum Corp.
 By: [Signature] Stephen E. Holloway
 Its: Agent
 Address P. O. Box 880
Glennville, WV 26351
 Telephone (304) 462-5347

Subscribed and sworn before me this 22nd day of December, 19 97

[Signature] Notary Public

My commission expires 8-27-2007