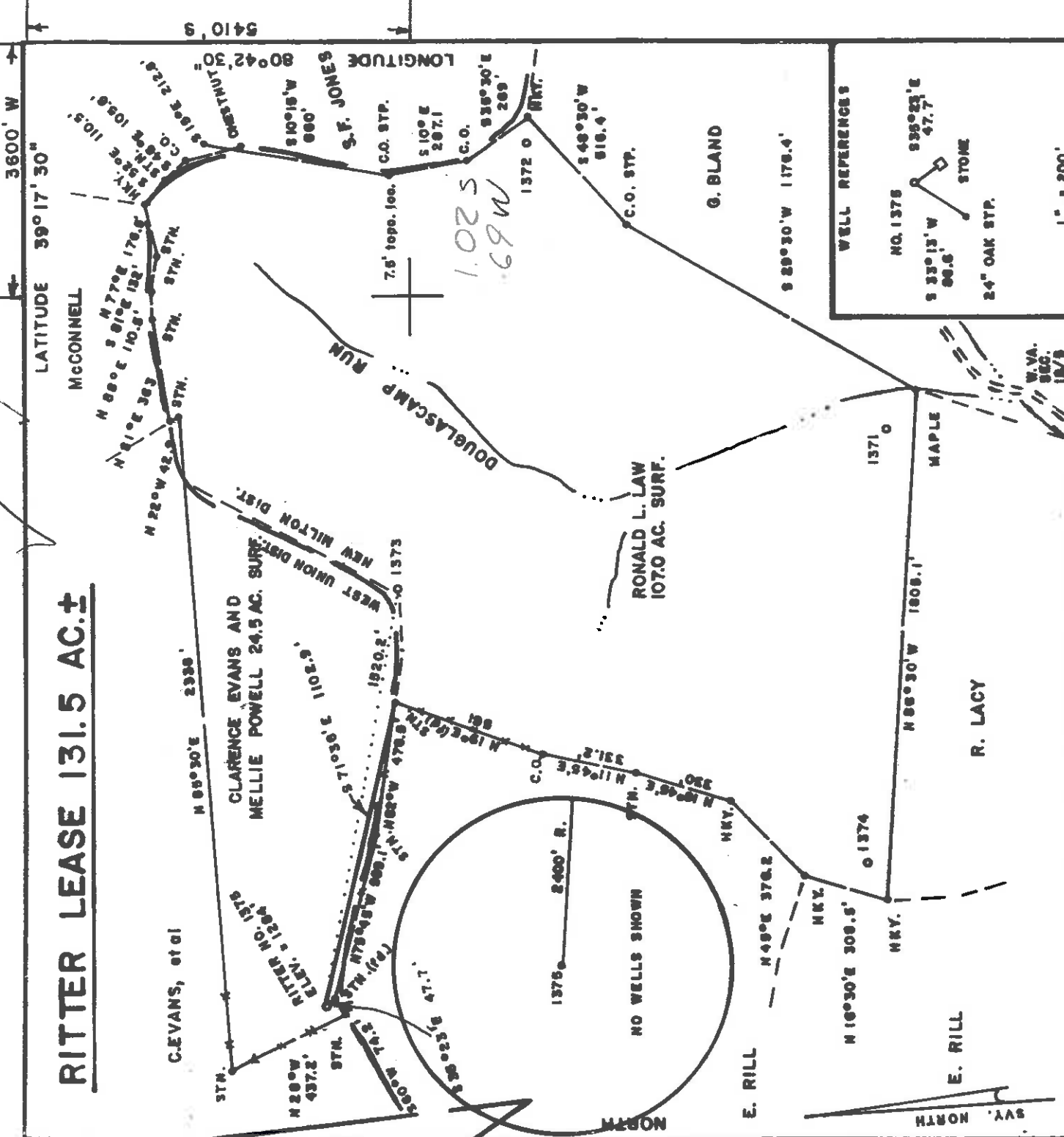
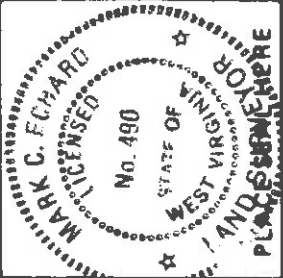


# RITTER LEASE 131.5 AC. ±



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB EAST  
 SIDE OF LEASE ELEV. = 1343'

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*  
 MARK C. ECHARD  
 (SIGNED) R.P.E. L.L.S. 490



WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 MCJUNKIN ROAD  
 NITRO, WEST VIRGINIA 25143-2506



DATE JULY 21, 19 97  
 OPERATOR'S WELL NO. RITTER NO. 1375  
 API WELL NO. 47-017  
 STATE COUNTY PERMIT 04395

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS," ) PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1284' WATER SHED BUCKEYE RUN  
 DISTRICT WEST UNION COUNTY DODDRIDGE  
 QUADRANGLE SMITHBURG 7.5'  
 SURFACE OWNER CLARENCE EVANS & MELLIE POWELL ACREAGE 24.5  
 OIL & GAS ROYALTY OWNER NEVA RITTER, et al LEASE ACREAGE 131.5  
 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 MARCELLUS ESTIMATED DEPTH 5900'  
 WELL OPERATOR TRIO PETROLEUM CORP. DESIGNATED AGENT STEPHEN E. HOLLOWAY AUG 28 1997  
 ADDRESS P.O. BOX 890 ADDRESS P.O. BOX 980  
 GLENVILLE, WV 26351 GLENVILLE, WV 26351

6-6-99

WR-35

22-Aug-97  
API # 47-017-04395

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

Well Operator's Report of Well Work

Farm name: **Evans, Clarence/N. Powell** Operator Well No.: **Ritter 1375**

LOCATION: Elevation: **1,284.00'** Quadrangle: **Smithburg**

District: **West Union** County: **Doddridge**  
Latitude: **5410** Feet South of **39** Deg. **17** Min. **30** Sec.  
Longitude: **3600** Feet West of **80** Deg. **42** Min. **30** Sec.

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

Agent: **STEPHEN E. HOLLOWAY**

INSPECTOR: **Mike Underwood**  
Permit Issued: **08/25/97**  
Well work commenced: **11/03/98**  
Well Work completed: **11/09/98**

Verbal Plugging

Permission granted on:

Rotary **X** Cable Rig

Total Depth (feet) **5590'**

Fresh water depths (ft) **250'**

Salt water depths (ft) **none**

Is coal being mined in area (Y/N)? **n**  
Coal Depths (ft): **none**

OPEN FLOW DATA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	1282'	1282'	C.T.S.
4 1/2		5470'	480 sks.

JAN 15 1999

Producing formation **Devonian Shale** Pay zone depth (ft) **see treat.**  
Gas: Initial open flow **na** MCF/d Oil: Initial open flow **na** Bbl/d  
Final open flow **531** MCF/d Final open flow **na** Bbl/d  
Time of open flow between initial and final tests **4** Hours  
Static Rock pressure **1350** 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.

*Daniel R. Chapman*

For: **TRIO PETROLEUM CORP.**

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

Date: **January 8, 1999**

JAN 25 1999

DODD 4395

1<sup>st</sup> Stage: Alexander (5367-5305) 500 gal.15% HCl, 30,000# 20/40  
374 mcf N2, 213 bbl H2O

2<sup>nd</sup> Stage: Benson, Riley(4927-4925) 750 gal.15% HCl, 26,300# 20/40  
399 mcf N2, 217 bbl H2O

3<sup>rd</sup> Stage: Speechly (3484-3383) 750 gal. 15% HCl, 41,200# 20/40  
335 mcf N2, 225 bbl H2O

Sand, shale	0	169	
Sand, shale, RR	169	1070	1" stream@ 250'
Sand, shale	1070	1930	
Little Lime	1930	1950	
Blue Monday	1950	1983	
Big Lime	1983	2048	
Big Injun	2048	2133	
Sand, shale	2133	3376	
Speechly	3376	3639	
Shale	3639	3674	
Balltown	3674	4382	
Riley	4382	4971	
Shale	4971	5027	
Benson	5027	5031	
Shale	5031	5290	
Alexander	5290	5372	
Shale	5372	5593	T.D.

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

24116

Well Operator: Trio Petroleum Corp. 50050 611

Operator's Well Number: Ritter 1375 3) Elevation: 1,284'

Well type: (a) Oil  or Gas  Issued 08/25/97

(b) IF Gas: Production  / Undergrnd Storage Expans 08/25/97  
Deep  / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 5,900' feet

7) Approximate fresh water strata depths: N/A

8) Approximate salt water depths: 1,474'

9) Approximate coal seam depths: N/A

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

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

12)

CASING AND TUBING PROGRAM

380518113  
380518113.22

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	11-3/4"	API	32#	132'	132'	C.T.S. <u>0.1M</u>
Coal						
Intermediate	8-5/8"	API	23#	1,510'	1,510'	C.T.S.
Production	4-1/2"	API	10.5#		5,900'	500 SKS.
Tubing						
Liners						

PACKERS : Kind

Sizes

Depths set

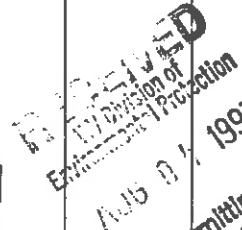
380518113

For Division of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP

Plat  WW-9  WW-2B  Bond  Agent

(Type)



1) Date: July 25, 1997  
2) Operator's well number Ritter 1375  
3) API Well No: 47 - 017 - 4395  
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: 5) (a) Coal Operator: N/A

(a) Name Clarence D. Evans and Nellie M. Powell Name N/A  
Address c/o D & D Joint Venture Address \_\_\_\_\_

(b) Name P. O. Box 305 (b) Coal Owner(s) with Declaration  
Address West Union, WV 26456 Name N/A  
Address \_\_\_\_\_

(c) Name \_\_\_\_\_ Name \_\_\_\_\_  
Address \_\_\_\_\_ Address \_\_\_\_\_

6) Inspector Mike Underwood (c) Coal Lessee with Declaration  
Address Rt. 2, Box 135 Name N/A  
Salem, WV 26426-0135 Address \_\_\_\_\_  
Telephone (304)- 288-4604

**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

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 2 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 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 Trio Petroleum Corp. Stephen E. Holloway  
By: [Signature] Agent  
Its: \_\_\_\_\_  
Address P. O. Box 880  
Glennville, WV 26351-0880

Subscribed and sworn before me this 25th day of July, 19 97  
[Signature] Notary Public  
My commission expires 8-31-97