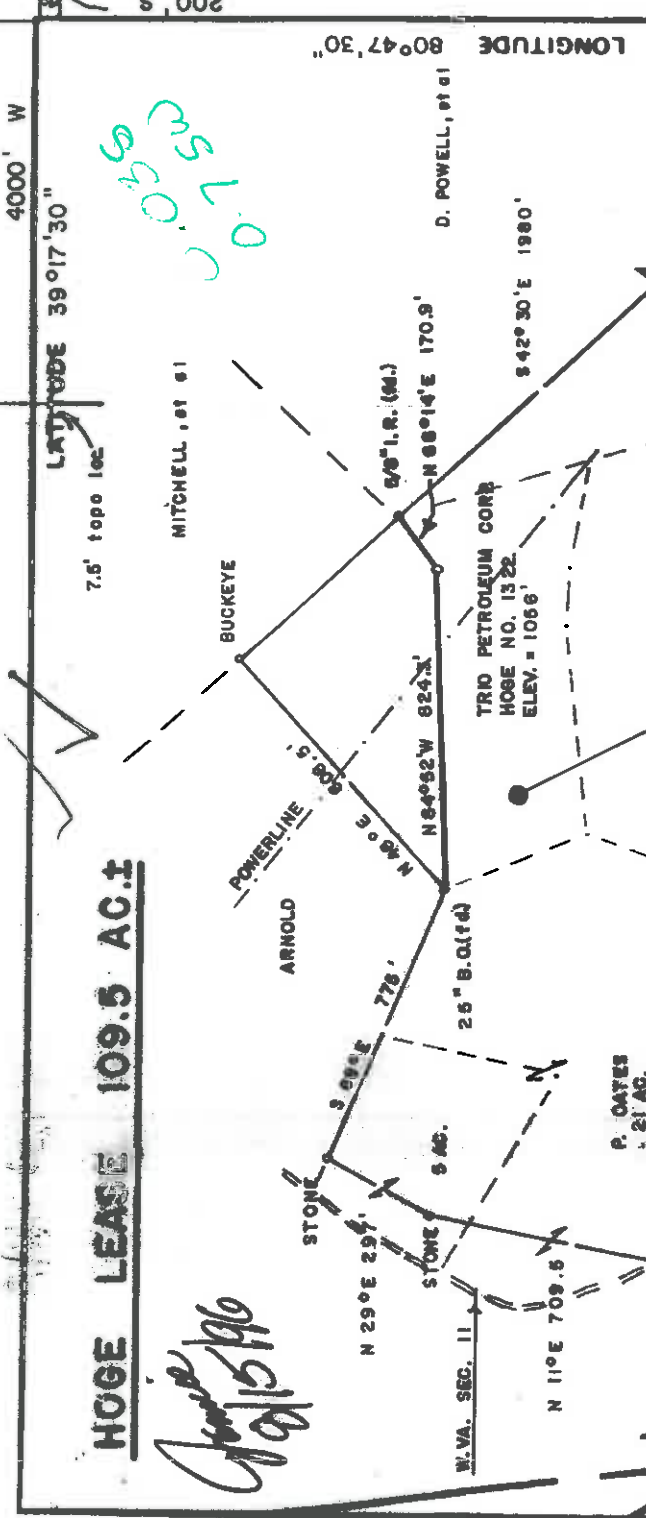


HUGE LEASE 109.5 AC.±

James H. Hoge
7/15/96

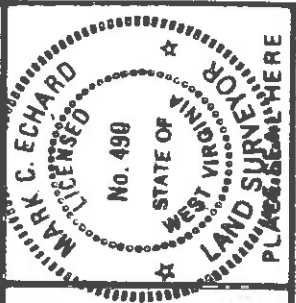
0.1526
0.1750
0.1750



4000' W
LATITUDE 39°17'30"
7.5' topo loc.
LONGITUDE 80°47'30"

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 SOUTH OF LEASE ELEV. = 1215'

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. Echarod
 MARK C. ECHAROD
 (SIGNED) R.P.E. _____ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE JULY 25 19 96
 OPERATOR'S WELL NO. HOGE NO. 1322
 API WELL NO. 47-017-04288
 STATE COUNTY 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 1056 WATER SHED ARNOLD CREEK
 DISTRICT CENTRAL COUNTY BOYD
 QUADRANGLE WEST UNION 7.5
 SURFACE OWNER DANIEL MITCHELL, et al ACREAGE 14 of 109.5
 OIL & GAS ROYALTY OWNER TRIO PETROLEUM CORP. et al LEASE ACREAGE 109.5
 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 5990'
 WELL OPERATOR TRIO PETROLEUM CORP. DESIGNATED AGENT STEPHEN E. HOLLOWAY
 ADDRESS P.O. BOX 880 475 ADDRESS P.O. BOX 880 GLENVILLE, WV 26351

6-6 89

WR 3 RECEIVED
OFFICE OF OIL AND GAS

JAN 03 1997

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

API # 47- 17-04288
15-Aug-96

WV Division of

Environmental Protection Well Operator's Report of Well Work

Farm name:

MITCHELL, DANIEL ETAL

Operator Well No.: HOGG #1322

LOCATION:

Elevation: 1,058.00

Quadrangle: WEST UNION

District: CENTRAL

County: DODDRIDGE

Latitude: 200

Feet South of 39

Deg. 17 Min. 30 Sec.

Longitude: 4000

Feet West of 80

Deg. 47 Min. 30 Sec.

Company: TRIO PETROLEUM CORP.

P. O. BOX 880

GLENVILLE, WV 26351-0880

Agent: STEPHEN E. HOLLOWAY

INSPECTOR: MIKE UNDERWOOD

Permit Issued: 08/16/96

Well work commenced: 11/17/96

Well Work completed: 11/21/96

Verbal Plugging

Permission granted on:

Rotary X Cable Rig

Total Depth (feet) 5568'

Fresh water depths (ft) 100'

Salt water depths (ft) 2178'

Is coal being mined in area (Y/N)? NO

Coal Depths (ft): NONE

OPEN FLOW DATA

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 8-5/8" | 1,051 | 1,051 | C.T.S. |
| 4-1/2" | | 5,435 | 445 SKS. |
| | | | |
| | | | |

Producing formation **DEVONIAN SHALE** Pay zone depth (ft) **SEE TREATMENT**
 Gas: Initial open flow **NA** MCF/d Oil: Initial open flow **NA** Bbl/d
 Final open flow **1517** MCF/d Final open flow **SHOW** Bbl/d
 Time of open flow between initial and final tests **4** Hours
 Static Rock pressure **1950** 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 PERFORATEI
 INTERVALS, FRACTURING OR STIMULATION, PHYSICAL CHANGE, ETC. 2). THE WELL LOC
 WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING
 COAL ENCOUNTERED BY THE WELLBORE.

Daniel R. Chapman

For: TRIO PETROLEUM CORP.

JAN 10 1997

By: Daniel R. Chapman, Geologist

Date: DECEMBER 20, 1996

1st Stage: Alexander, Benson, Riley (5337-4870) 1000 gal 15% HCL,
35 ton CO₂, 1,012 MCF N₂

2nd Stage: Riley, Balltown (4611-4345) 500 gal 15% HCL, 23 ton
CO₂, 842 MCF N₂

3rd Stage: Balltown, Spechly (4045-3439) 500 gal 15% HCL, 25 ton
CO₂, 920 MCF N₂

| | 0 | 250 | 1" Stream H ₂ O @ 100' |
|-----------------------|------|------|-----------------------------------|
| Sand, Shale | 0 | 250 | |
| Sand, Shale, Red Rock | 250 | 934 | |
| Sand, Shale | 934 | 2004 | |
| Little Lime | 2004 | 2023 | |
| Shale | 2023 | 2042 | |
| Big Lime | 2042 | 2103 | |
| Big Injun | 2103 | 2188 | Damp @ 2178' |
| Sand, Shale | 2188 | 3424 | |
| Spechly | 3424 | 3766 | |
| Shale | 3766 | 3788 | |
| Balltown | 3788 | 4472 | |
| Riley | 4472 | 4976 | |
| Shale | 4976 | 5030 | |
| Benson | 5030 | 5034 | |
| Shale | 5034 | 5285 | |
| Alexander | 5285 | 5359 | |
| Shale | 5359 | 5568 | T. D. |

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

Well Operator: Trio Petroleum Corp. 875 50650 ① 671

Operator's Well Number: Hoge 1322 3) Elevation: 1056'

Well type: (a) Oil or Gas
 (b) If Gas: Production Underground Storage
 Deep Shallow

Proposed Target Formation(s): Marcellus 427

Proposed Total Depth: 5990 feet

Approximate fresh water strata depths: 125'

Approximate salt water depths: None

Approximate coal seam depths: None

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

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 | |
| Conductor | | | | | | Fill-up (cu. ft.) |
| Fresh Water | 8-5/8" | API | 20 | 1050 | 1050 | 38 CSR 11.3 |
| Coal | | | | | | C. T. S. |
| Intermediate | | | | | | 38 CSR 11.3 |
| Production | 4-1/2" | API | 10.5 | 5990 | 5990 | 525 Sks. |
| Tubing | | | | | | 38 CSR 11.3 |
| Liners | | | | | | |

PACKERS : Kind _____
 Sizes _____
 Depths set _____

Fee(s) paid: 5000
 Plat 11 WW-9 11 WW-2B 11 Bond Blanket (Type)
 For Division of Oil and Gas Use Only
 WPCP Agent

RECEIVED
Division of
Environmental Protection

APR 12 1996

Date: July 25, 1996
Operator's well number
Hoge 1322
API Well No: 47 - 017 - 4288
State - County - Permit

Permitting
Office of Oil & Gas
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 Daniel Mitchell et al
Address 123 Harrison Ave.
Greensburg, PA 15601

(b) Name _____
Address _____

(c) Name _____
Address _____

5) (a) Coal Operator:
Name N/A
Address _____

(b) Coal Owner(s) with Declaration
Name N/A
Address _____

Name _____
Address _____

(c) Coal Lessee with Declaration
Name N/A
Address _____

6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426-0135
Telephone (304) - 782-1043

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

Subscribed and sworn before me this 25th day of July, 1996

My commission expires 8-24-97 [Signature] Notary Public