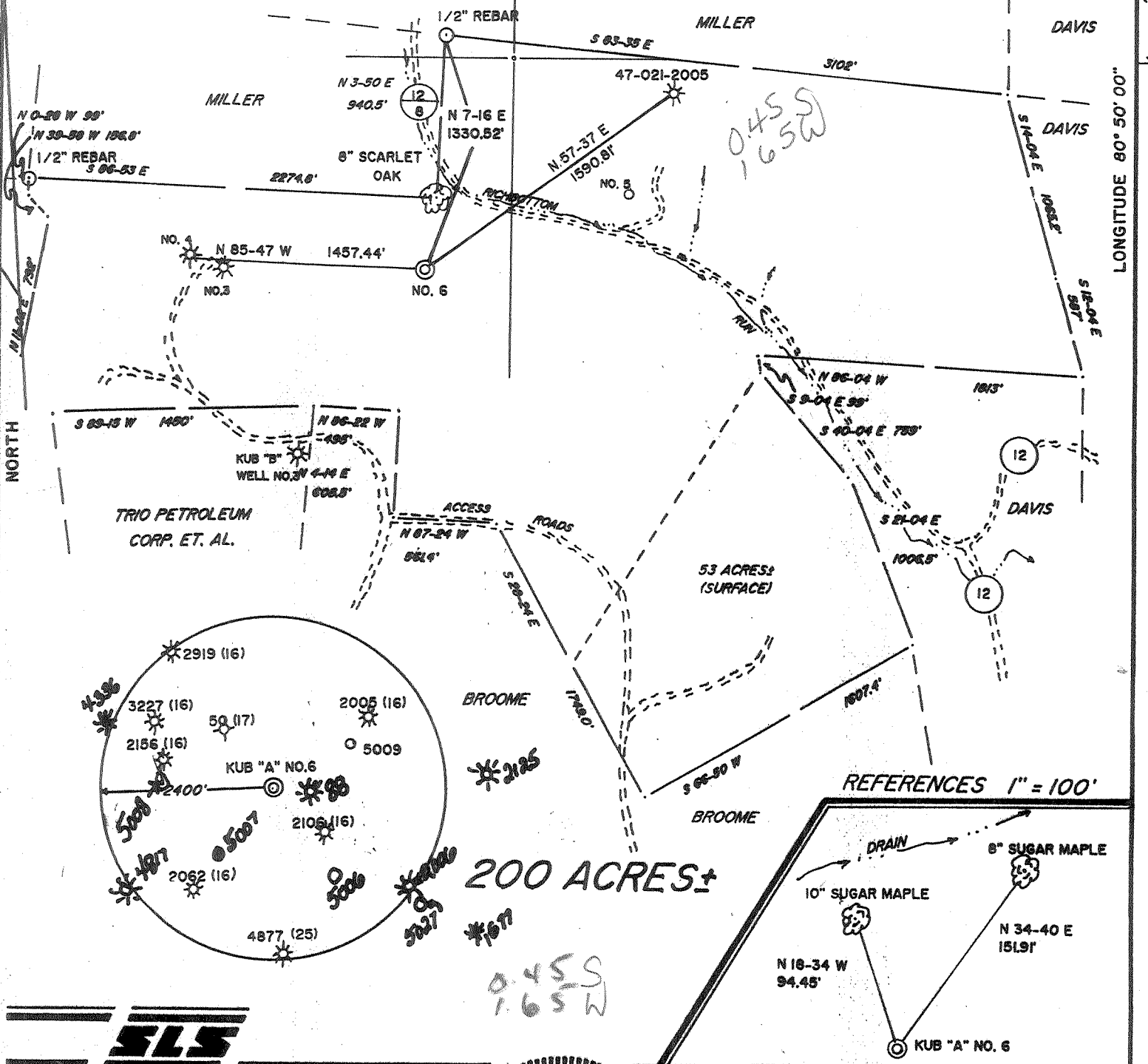
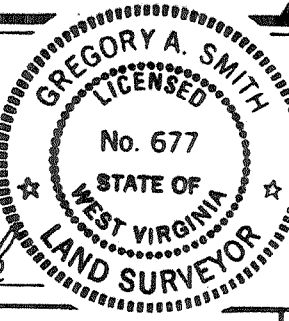


KUB "A" LEASE WELL NO. 6

Amel
2/19/92



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 ENERGY.




(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JANUARY 27, 19 92
 OPERATORS WELL NO. KUB "A" WELL NO. 6
 API WELL NO. 47 - 021 - 5028
 STATE COUNTY PERMIT

L.L.S. 677 *Gregory A. Smith*

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2700 (36-68)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1336' SCALE 1" = 800'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 839' WATERSHED RICHBOTTOM RUN
 DISTRICT DEKALB 2 COUNTY GILMER QUADRANGLE GLENVILLE 7.5'

SURFACE OWNER TRIO PETROLEUM CORP. ET. AL. ACREAGE 200 *NC*
 ROYALTY OWNER TRIO PETROLEUM CORP. ET. AL. LEASE ACREAGE 200

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 6100'

WELL OPERATOR ANGERMAN ASSOCIATES Inc. 34 DESIGNATED AGENT WILLIS J. MAXWELL
 ADDRESS 109 ZETA DR., PITTSBURGH, PA. 15238 ADDRESS RT. 65, BOX 7, GLENVILLE, WV. 26351

DEEP WELL 6-6 Burnt House-Lucerne (136)

COUNTY NAME PERMIT

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

RECEIVED
Office of Oil & Gas
SEP 30 92
WV Division of
Environmental Protection

Well Operator's Report of Well Work

Farm name: TRIO PETROLEUM CORP. Operator Well No.: KUB A-6

LOCATION: Elevation: 839.00 Quadrangle: GLENVILLE

District: DEKALB County: GILMER
Latitude: 2450 Feet South of 39 Deg. 0 Min. 0 Sec.
Longitude 8690 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: ANGERMAN ASSOC., INC.
109 ZETA DRIVE
PITTSBURGH, PA 15238-0000

Agent: WILLIS J. MAXWELL

Inspector: CRAIG DUCKWORTH
Permit Issued: 02/20/92
Well work Commenced: 5/11/92
Well work Completed: 5/16/92

Verbal Plugging
Permission granted on: _____

Rotary x Cable _____ Rig _____
Total Depth (feet) 6225' KB LTD
Fresh water depths (ft) 1/2" @ 65'

Salt water depths (ft) 1/2" @ 1110'
Salinity not recorded
Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|---|
| 11-3/4" | 30' | 0' | |
| 8-5/8" | 1212.80' | 1212.80' | Cmt. to surface w/ 265 sks. Class A 960ft. 3 50/50 Pozmix |
| 4-1/2" | 6171.65' | 6171.65' | |
| 1-1/2" | 5985.00' | 5985.00' | |

OPEN FLOW DATA

Producing formation Speechley through Black Shales Pay zone depth (ft) 2906' KB to 6027' KB
Gas: Initial open flow 52 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 1186 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1250 psig (surface pressure) after 72 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 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: ANGERMAN ASSOC., INC.

Reviewed TM6
Recorded _____

By: [Signature]
Date: September 22, 1992

OCT 20 1992

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

Well Operator's Report of Well Work

Farm Name: Trio Petroleum Corp.
 Permit No.: 47-021-05028

Operator Well No.: KUB A #6

Details of Perforated Intervals, fracturing or stimulating, physical change, etc.

| <u>Formation</u> | <u>Perforations</u> | <u>20/40 Sand Pounds</u> | <u>Treatment</u> | | |
|------------------|---------------------|--------------------------|----------------------------|------------------------|---------------------------|
| | | | <u>Volume Foam 20# gel</u> | <u>Slurry Rate bpm</u> | <u>Wlhd Pressure psig</u> |
| Deep Shales | 5314-6027 (12) | 30,000 | 457 | 10 | 3566 |
| Alexander | 4714-4773 (12) | 25,000 | 317 | 10 | 2855 |
| Benson-Riley | 4336-4443 (10) | 30,000 | 408 | 10 | 2951 |
| Balltown | 3292-3700 (11) | 20,000 | 259 | 10 | 2954 |
| Speechley | 2906-3020 (12) | 20,000 | 249 | 10 | 2455 |

Well Log

| <u>Formation Coal Hard or Soft</u> | <u>Top Feet</u> | <u>Bottom Feet</u> | <u>Remarks (Including indication of all fresh and salt water, coal, oil and gas)</u> |
|------------------------------------|-----------------|--------------------|--|
| KB-GL | 0 | 10 | |
| Soil & RR | 10 | 40 | |
| Sand | 40 | 111 | ½" stream @ 65' |
| Shale & RR | 111 | 280 | |
| Sand | 280 | 330 | |
| Shale & RR | 330 | 498 | |
| Sand | 498 | 530 | |
| Sand & Shale | 530 | 566 | |
| Sand | 566 | 620 | |
| RR & Shale | 620 | 825 | |
| Sand | 825 | 837 | |
| Coal | 837 | 843 | |
| Sand | 843 | 934 | |
| Coal | 934 | 940 | |
| Sand | 940 | 1005 | |
| Sand & Shale | 1005 | 1025 | |
| Sand | 1025 | 1070 | |
| Sand & Shale | 1070 | 1485 | ½" stream @ 1110' |
| Lime & Shale | 1485 | 1553 | Dusting @ 1260' |
| Little Lime | 1553 | 1568 | Ck. gas @ 1479'-no show |
| Shale | 1568 | 1572 | |
| Big Lime | 1572 | 1657 | |
| Injun | 1657 | 1732 | Ck. gas @ 1667'-70/10-1" p w/w |
| Sand & Shale | 1732 | 1901 | Ck. gas @ 1858'-70/10-1" p w/w |

007 2 0 198

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

Well Operator's Report of Well Work

Farm Name: Trio Petroleum Corp.
Permit No.: 47-021-05028

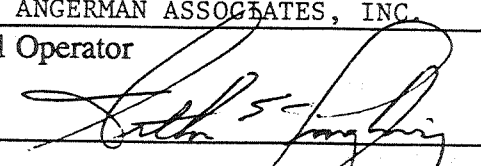
Operator Well No.: KUB A #6

| | | | |
|--------------|------|------|----------------------------------|
| Weir | 1901 | 1942 | Ck. gas @ 2047'-70/10-1" p w/w |
| Sand & Shale | 1942 | 2584 | Ck. gas @ 2142'-64/10-1" p w/w |
| Sand | 2584 | 2603 | Ck. gas @ 2584'-40/10-1" w/w |
| Sand & Shale | 2603 | 3690 | Ck. gas @ 2900' 30/10-1" p w/w |
| Balltown | 3690 | 3730 | Ck. gas @ 3656' - 24/10-1" p w/w |
| Sand & Shale | 3730 | 3910 | Ck. gas @ 3783'-20/10-1" p w/w |
| Sand & Shale | 3910 | 4196 | |
| Sand & Shale | 4196 | 4382 | |
| Riley | 4382 | 4410 | Ck. gas @ 4387-18/10-1" w/w |
| Sand & Shale | 4410 | 4467 | |
| Benson | 4467 | 4475 | |
| Sand & Shale | 4475 | 4695 | Ck. gas @ 4482'-18/10-1" w/w |
| Alexander | 4695 | 4803 | Ck. gas @ 4671'-24/10-1" w/w |
| Sand & Shale | 4803 | 5260 | |
| B. Shale | 5260 | 5270 | Ck. gas @ 5235'-22/10-1" p w/w |
| Shale | 5270 | 5310 | |
| B. Shale | 5310 | 5350 | |
| Shale | 5350 | 5500 | |
| Shale | 5500 | 5510 | |
| Shale | 5510 | 5640 | |
| B. Shale | 5640 | 5660 | |
| Shale | 5660 | 5737 | Ck. gas @ 5713'-18/10-1" w/w |
| B. Shale | 5737 | 6142 | Gas @ TD-24/10-1" p w/w |
| Marcellous | 6142 | 6168 | Ck. gas @ A -14/10-1" p w/w |
| Lime | 6168 | 6218 | DTD |

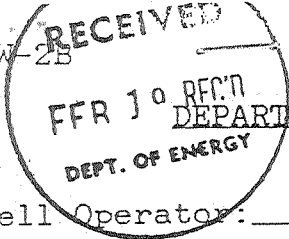
(Attach separate sheets as necessary)

ANGERMAN ASSOCIATES, INC.

Well Operator

By: 

Date: September 22, 1992



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

Issued 2/20/92 Expires 2/20/94 2200 (2) 372

Well Operator: ANGERMAN ASSOCIATES, INC.
Operator's Well Number: KUB "A" WELL NO. 6 3) Elevation: 839'
Well Type: (a) Oil_/ or GasX/
(b) If Gas: ProductionX/ Underground Storage_/ Deep_/ ShallowX/
Proposed Target Formation: Marcellus Shale 437
Proposed Total Depth: 6100 feet
Approximate fresh water strata depths: 35'
Approximate salt water depths: N/A
Approximate coal seam depths: N/A
Does land contain coal seams tributary to active mine? Yes_/ No_X/
Proposed Well Work: Drill & Stimulate New Well

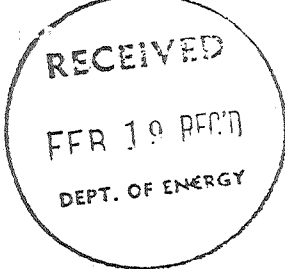
CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and 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 (Type) Blanket Agent



- 1) Date: February 5th, 1992
- 2) Operator's well number
KUB "A" WELL NO. 6
- 3) API Well No: 47 - 021 - 5028
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 Trio Petroleum Corp, et.al.
Address Rt. 76, Box 35-E
Glenville, WV 26351
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 6) Inspector Craig Duckworth
Address Box 107, Davisson Route
Gassaway, WV 26624
Telephone (304)-364 - 5942

- 5) (a) Coal Operator:
 - Name N/A
 - Address _____
- (b) Coal Owner(s) with Declaration
 - Name N/A
 - Address _____
- (c) Coal Lessee with Declaration
 - Name _____
 - Address _____

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 XXX 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:

- XXX 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 ANGERMAN ASSOCIATES, INC.
By: _____
Its: Samuel L. Kimmel - President
Address 109 Zeta Drive
Pittsburgh, PA. 15238
Telephone (412) 963 - 0550

Subscribed and sworn before me this 5th day of February, 1992

Gregory A. Smith Notary Public
My commission expires 12-07-92