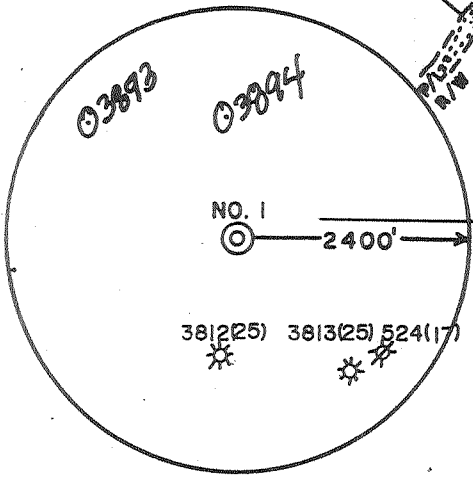
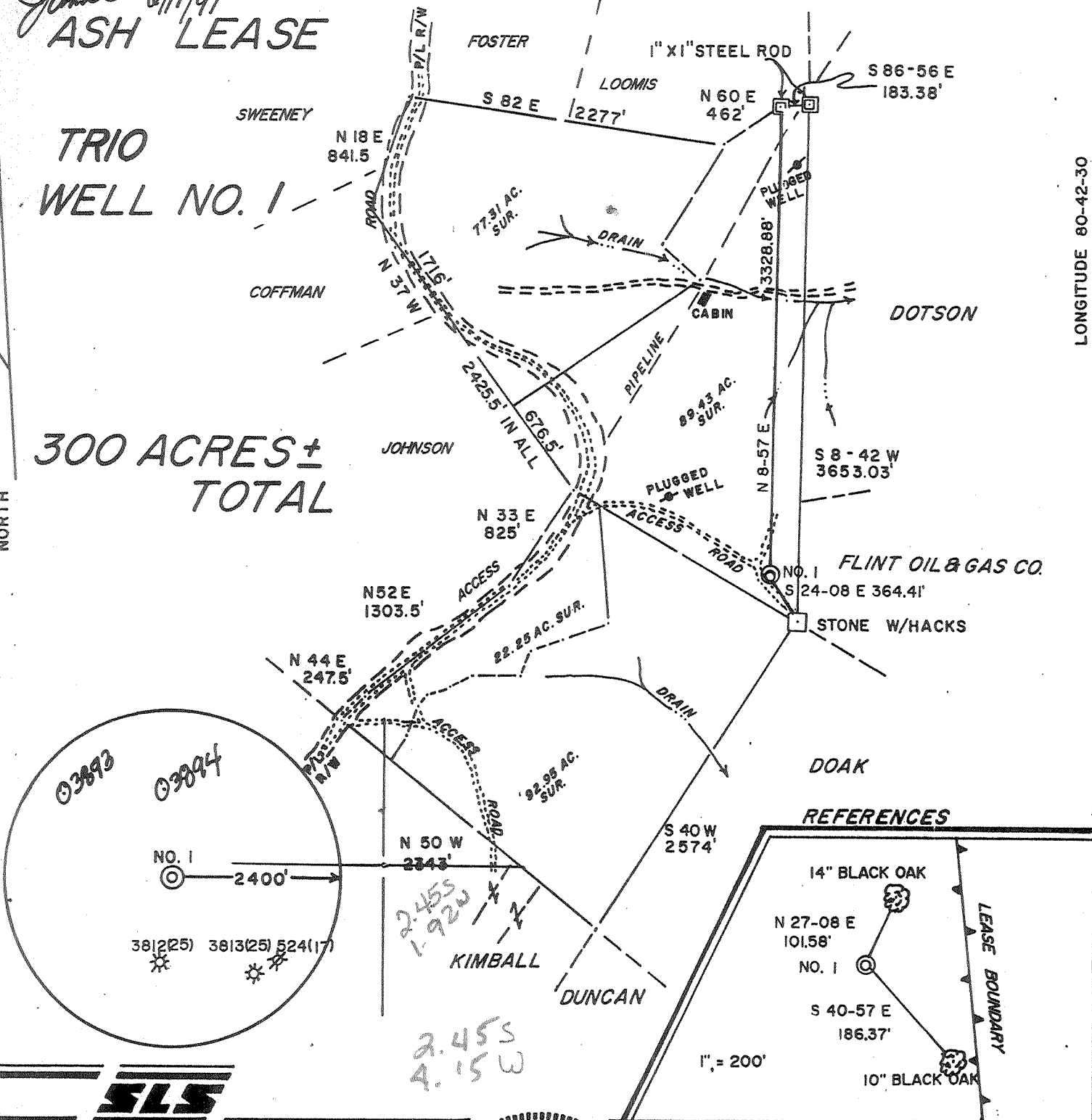


June 6/17/91  
**ASH LEASE**

**TRIO  
WELL NO. 1**

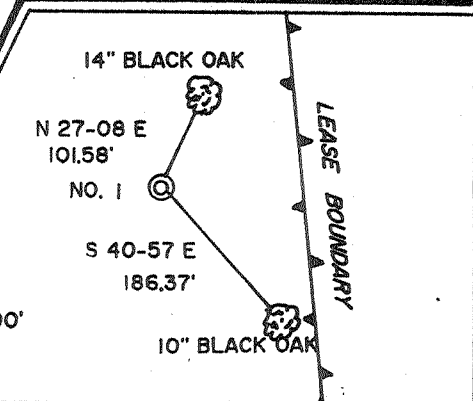
**300 ACRES ±  
TOTAL**

NORTH

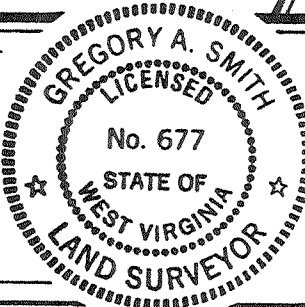


**FLINT OIL & GAS CO.**

**REFERENCES**



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.



L.L.S. 677 Gregory A. Smith

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE APRIL 29, 19 91  
OPERATORS WELL NO. TRIO NO. 1  
API WELL NO. 47 - 017 - 3892  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2612 (37-9)  
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1318' SCALE 1" = 1000'

**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENERGY  
**OIL AND GAS DIVISION**



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

LOCATION: ELEVATION 1222' WATERSHED LITTLE FLINT RUN  
DISTRICT GRANT 3 COUNTY DODDRIDGE QUADRANGLE CENTER POINT 7.5'  
SURFACE OWNER CECIL GASKINS - DALE KIMBALL ACREAGE 89.43  
ROYALTY OWNER WILLIAM W. ASH HEIRS ET. AL. LEASE ACREAGE 89.43 OF 300

PROPOSED WORK: LEASE NO. \_\_\_\_\_  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER \_\_\_\_\_  
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION BENSON-ALEXANDER  
ESTIMATED DEPTH 5500'

WELL OPERATOR CHESTERFIELD ENERGY CORP. DESIGNATED AGENT SAMUEL J. CANN  
ADDRESS 203 WEST MAIN ST. CLARKSBURG, WV 26301 ADDRESS 203 WEST MAIN ST. CLARKSBURG, WV 26301

6-6 Swiger - Flint Run (097)

COUNTY NAME PERMIT

JUN 25 1991

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: GASKINS, CECIL M Operator Well No.: TRIO 1 AUG 07 91

LOCATION: Elevation: 1222.00 Quadrangle: CENTER POINT

District: GRANT County: DODDRIDGE  
Latitude: 12860 Feet South of 39 Deg. 25Min. 0 Sec.  
Longitude 10110 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: CHESTERFIELD ENERGY CORP.  
203 WEST MAIN STREET  
CLARKSBURG, WV 26301-0000

Agent: SAMUEL J. CANN

Inspector: MIKE UNDERWOOD  
Permit Issued: 06/20/91  
Well work Commenced: 07/19/91  
Well work Completed: 07/25/91  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary XX Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5460  
Fresh water depths (ft) 280  
Salt water depths (ft) none

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	22'	0	
8 5/8	1255'	1255'	325 sks
4 1/2	5427'	5427'	200 sks

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

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 5309'-5315'  
Gas: Initial open flow 189 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 504 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 144 Hours  
Static rock Pressure 1100 psig (surface pressure) after 24 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: Samuel J. Cann  
CHESTERFIELD ENERGY CORP.  
By: *Samuel J. Cann*  
Date: July 31, 1991

AUG 16 1991

Frac Info:

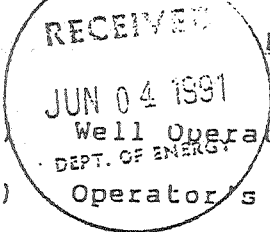
Benson: perf 5309'-5315' 16 holes  
 Foam Frac 400 sks; 20/40" sand  
 BD P: 1950  
 ATP: 3050  
 Av rate: 20 bpm  
 ISI P: 2000#

Drilling Info:

Clay	0	3
Red Rock	3	14
Sand & Shale	14	269
Red Rock & Shale	269	764
Sand	764	900
Sand & Red Rock	900	1300
Shale	1300	2170
L. Lime	2170	2190
Shale	2190	2206
B. Lime	2206	2315
Big Injun	2315	2340
Pocono	2340	2347
Shale	2347	2552
Weir	2552	2564
Shale	2564	2770
Berea	2770	2782
Shale	2782	3156
Gordon	3156	3609
Warren	3609	3620
Shale	3620	3860
Speechley	3860	3869
Shale	3869	4126
Balltown	4126	4139
Shale	4139	5070
Riley	5070	5077
Shale	5077	5314
Benson	5314	5321
Shale	5321	5460
TD	5460	

1/4" stream water @ 280'

Gas Ck @ 2161' No Show  
 Gas Ck @ 2566' 40/10'2" w/w  
 Gas Ch @ 2784' 46/10'2" w/w  
 Gas Ck @ 4150' 40/10-2" w/w  
 Gas Ck @ 5335' 44/10-2" w/w  
 Gas Ck @ TD 20/10-2" w/w



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

Issued 06/20/91

Expires 06/20/93  
9550 (3) 286

- 1) Well Operator: 163 CHESTERFIELD ENERGY CORPORATION
- 2) Operator's Well Number: TRIO WELL NO. 1 3) Elevation: 1222'
- 4) Well type: (a) Oil    / or Gas X /  
(b) If Gas: Production X / Underground Storage    /  
Deep    / 439 Shallow X /
- 5) Proposed Target Formation(s): Benson-Alexander
- 6) Proposed Total Depth: 5500' feet
- 7) Approximate fresh water strata depths: 130'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes    / No X /
- 11) Proposed Well Work: Drill & Stimulate
- 12) New Well

CASING AND TUBING PROGRAM

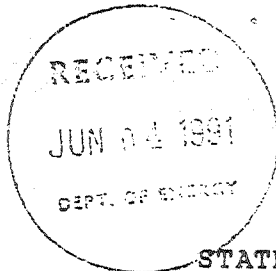
TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4"			16'	0'	0 Sacks
Fresh Water	8-5/8"			1000'	1000'	CTS or by 38 CSR 18-11.3
Coal						
Intermediate						
Production	4-1/2"			5500'	5500'	CTS or by 38 CSR 18-11.1
Tubing						
Liners						

PACKERS : Kind                       
                    Sizes                       
                    Depths set                     

For Division of Oil and Gas Use Only

1484  
 Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond                      Agent  
 (Type)

12353



1) Date: May 21, 1991  
2) Operator's well number Trio Well No. 1  
3) API Well No: 47 - 017 - 3892  
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>Cecil M. Gaskins</u> Address <u>114 Front Street</u> <u>Weirton, WV 26062</u></p> <p>(b) Name <u>Floyd D. Kimball</u> Address <u>114 Front Street</u> <u>Weirton, WV 26062</u></p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator:</p> <p>Name <u>N/A</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>N/A</u> Address _____</p> <p>Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>N/A</u> Address _____</p>
<p>6) Inspector <u>Mike Underwood</u> Address <u>Rt. 2, Box 135</u> <u>Salem, WV 26426</u> Telephone (304)- <u>782-1043</u></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)
- \_\_\_ 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 CHESTERFIELD ENERGY CORPORATION  
 By: Stanley A. Pickens  
 Its: President  
 Address 203 West Main Street  
Clarksburg, WV 26301  
 Telephone 304-623-5467

Subscribed and sworn before me this 21 day of May, 1991

Samuel J. [Signature] Notary Public  
 My commission expires 11-23-91