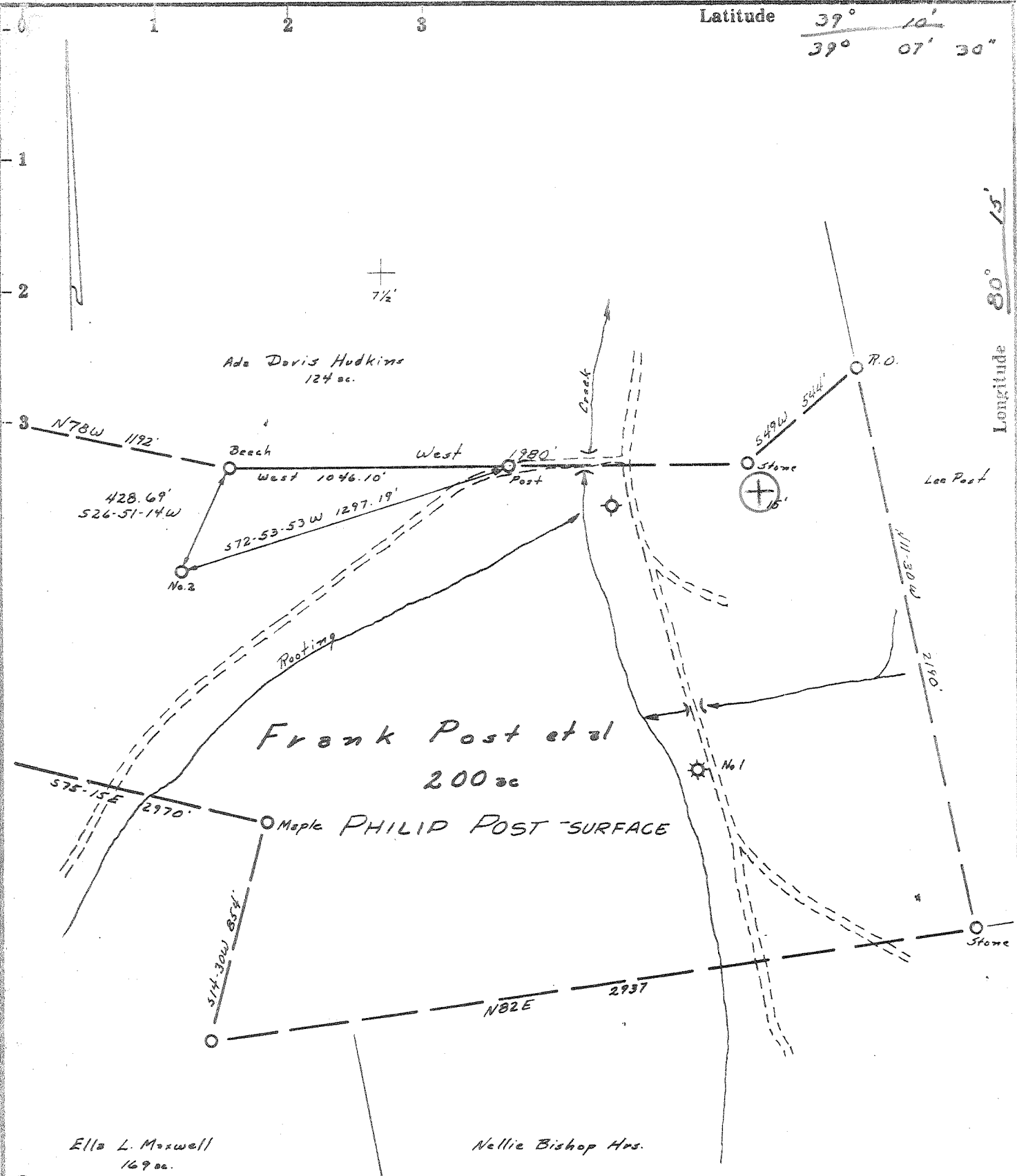


Latitude $39^{\circ} 10'$
 $39^{\circ} 07' 30''$

Longitude $80^{\circ} 15'$



- PARTIAL Plugging - 8/1/77
- Fracture.....
 - Redrill.....
 - New Location.
 - Drill Deeper.....
 - Abandonment.....

Source of Elevation Rd. Forks Elev. 1057 USGS

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

Company	St. Clair Oil Co.		
Address	St. Clairsville, Ohio 43950		
Farm	Frank Post et al		
Tract	Acres	Lease No.	24949
Well (Farm) No.	2	Serial No.	42619
Elevation (Spirit Level)	1139'		
Quadrangle	Weston SE 24		EC
County	Harrison District Elk		
Engineer	R. D. Williams		
Engineer's Registration No.	105 L.L.S.		
File No.	230/118	Drawing No.	
Date	11-10-76	Scale	1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. HAR-1009-PP

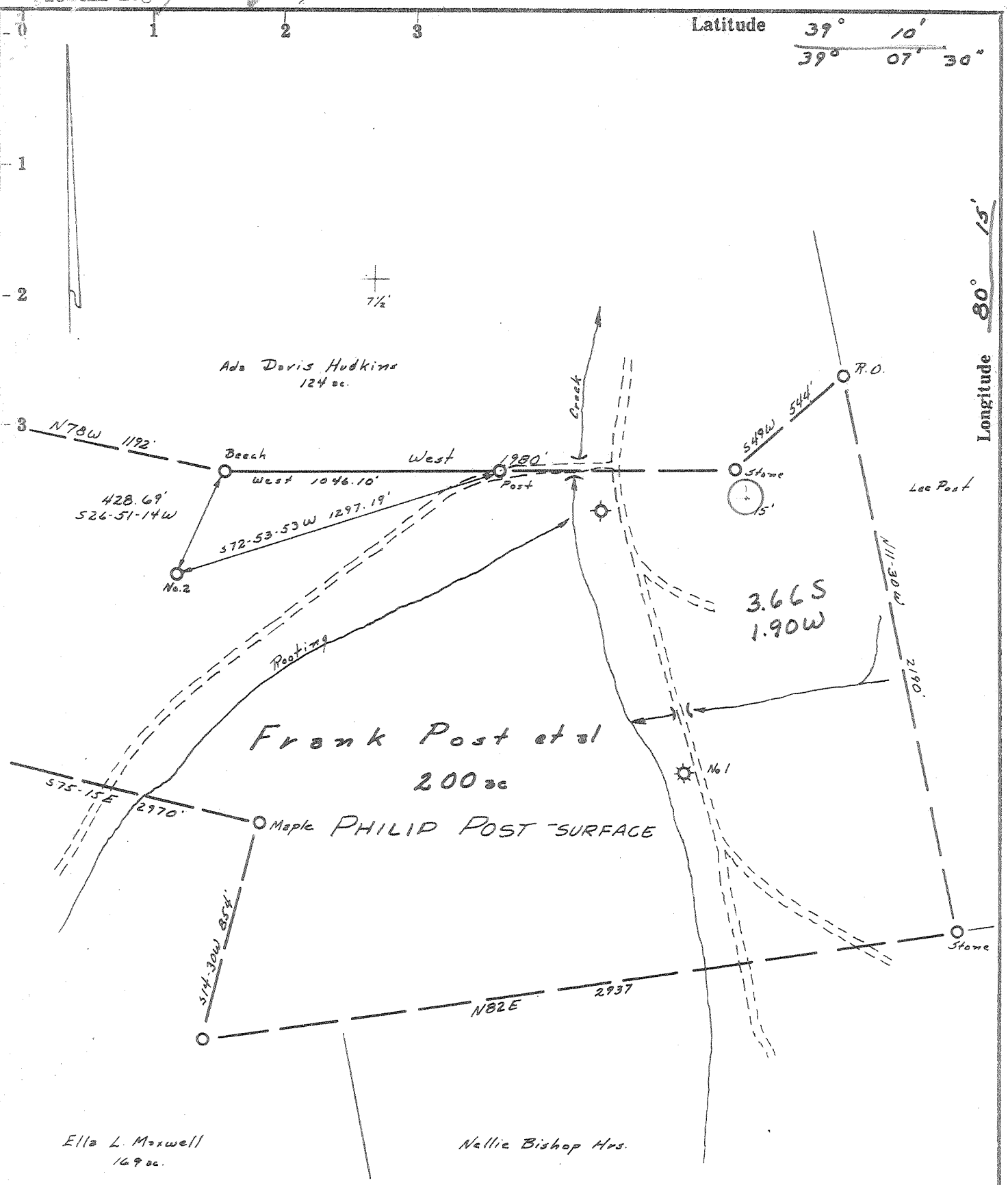
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-033 OCT 5 1977

Latitude $39^{\circ} 10'$
 $39^{\circ} 07' 30''$

Longitude $80^{\circ} 15'$



- Fracture
- Redrill
- New Location
- Drill Deeper
- Abandonment

Source of Elevation Rd. Forks Elev 1057 USGS

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

Company <u>St. Clair Oil Co.</u>	
Address <u>St. Clairsville, Ohio 43950</u>	
Farm <u>Frank Post et al</u>	
Tract _____	Acres <u>200</u> Lease No. <u>24949</u>
Well (Farm) No. <u>2</u>	Serial No. <u>421619</u>
Elevation (Spirit Level) <u>1139'</u>	
Quadrangle <u>Weston SE24 EC</u>	
County <u>Harrison</u> District <u>Elk</u>	
Engineer <u>R. D. McWilliams</u>	
Engineer's Registration No. <u>105 L.L.S.</u>	
File No. <u>230/118</u>	Drawing No. _____
Date <u>11-10-76</u>	Scale <u>1" = 500'</u>

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. HAR-1009

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-033 DEC 20 1976

6-6 4411 JACOBIUS VIELE (153)



RECEIVED

AUG - 1 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

No. 99

WELL RECORD 2

Rotary _____ Oil _____
Cable X Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Weston S/E

Permit No. HAR-1009

O.S.W. No. 42619

Company <u>St. Clair Oil Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>219 East Main, St. Clairsville, Ohio</u>				
Farm <u>Philip Post</u> Acres <u>200</u>	43950			
Location (waters) <u>Rooting Creek</u>	Size			
Well No. <u>Two No. 2</u> Elev. <u>1139</u>	20-16			
District <u>Elk</u> County <u>Harrison</u>	Cond.			
The surface of tract is owned in fee by <u>Philip Post, Rt #2, Lost Creek, WVa 1/2</u>	13-10" 13-3/8	20		
Address <u>Gertie Post Rector, Lost Creek, WVa 1/2</u>	9 5/8 10-3/4	380	380	Filled to top date 24 Mar 77
Mineral rights are owned by <u>Same As Above</u>	8 5/8	1430		
Address _____	7	1993		
Drilling Commenced <u>16 Mar 77</u>	5 1/2			
Drilling Completed <u>6 Jul 77</u>	4 1/2			
Initial open flow <u>84,000</u> cu. ft. _____ bbls.	3		1621	On top packer 35
Final production <u>133,000</u> cu. ft. per day _____ bbls.	2			sks cement 7-2-77
Well open <u>16</u> hrs. before test <u>630</u> RP.	Liners Used			Packer set - 1596
Well treatment details:				

Attach copy of cementing record. 24 Mar 77 14 Jun 77
27 Jun 77 2 Jul 77

By Dowell 6 Jul 77, 1,000 Gal Acid No. 10001-003, 3,500 lbs 20-40 Sand,
647 Bbls Water, 150 lbs J-166, 20 Gal. F-52

Coal was encountered at None Feet _____ Inches _____
Fresh water 45 Feet 930 - 1578 Salt Water 1813 - 1830 Feet _____
Producing Sand Injun Depth 1602 - 1608

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
Red Rock			5	40		
Lime Red			40	45		
Sand			45	60		Water Show @ 45 Feet
Red Rock			60	70		
Slate			70	130		
Lime Gritty			130	145		
Red Rock			145	175		
Slate Black			175	200		
Lime Red			200	320		
Sand			320	360		
Lime			360	370		
Slate			370	405		
Sand			405	430		
Lime			430	515		
Sand			515	535		
Slate Black			535	663		
Sand			663	700		
Lime			700	771		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Slate	Black		771	840		
Sand			840	915		
Slate	Black		915	930		
Sand			930	975		Water 1½ Bailers H.R.
Slate	Black		975	1005		
Sand			1005	1140		
Lime	Red		1140	1209		
Red	Rock		1209	1265		
Lime	Red		1265	1284		
Sand			1284	1335		
Slate			1335	1345		
Lime	Red		1345	1417		
Little	Lime		1417	1423		
Slate			1423	1464		
Big	Lime		1464	1560		* 1480
Big	Injun		1560	1587		* 1590
Red	Rock		1587	1595		Water 1578 to 1582
Big	Injun		1595	1620		1. Bailer H.R. Went Down to
						1. Bailer 2½ Hrs
						Gas - 1600 - 1609 84,000
						Blowed Down to 40,000
Lime			1620	1660		
Slate &	Shells		1660	1740		
Lime	Gritty		1740	1813		
Sand	Gantz		1813	2068		Water 1813 H.F. 1830 *1820
Lime	Red		2068	2244		
Lime	Gritty		2244	2310		
Slate			2310	2350		
Fourth	Sand		2350	2374		
Slate			2374	2436		
Fifth	Sand		2436	2453		Show Gas & Oil 2445 - 53
Slate &	Shells		2453	2900		
Lime			2900	3135		
Slate &	Shells		3135	4355		
Benson			4355	4375		No Gas
Lime			4375	4536		

T.D. 4536

Date July 29, 19 77

APPROVED ST. CLAIR OIL COMPANY, Owner

By Harry [Signature] President
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

PAID
NOV 1 1976

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.
Philip Post

Surface Owner Rt #2, Lost Creek, WVa 1/2

Address Gertie Post Rector, Lost Creek, WVa 1/2

Mineral Owner Same As Surface

Address _____

Coal Owner Same As Surface

Address _____

Coal Operator None

Address _____

DATE November 30, 1976

Company St. Clair Oil Company

Address 219 East Main, St. Clairsville, O 43950

Farm Frank Post Acres 200

Location (waters) Rooting Creek

Well No. Two Elevation 1139

District Elk County Harrison

Quadrangle Weston, S.E.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations ~~have not commenced by~~ 4-7-77.

Robert F. [Signature]

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett

PH: 622-3871 ADDRESS Clarksburg, W. Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated February 2, 1953 by Frank & Rossie Post
Gertie & Earl Rector made to Equitable Gas Company and recorded on the 20 day of March
1953 in Harrison County, Book 732 Page 209

New NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Very truly yours, ST. CLAIR OIL COMPANY

(Sign Name) *Harry [Signature]*
Well Operator President

219 East Main Street

Street

St. Clairsville

City or Town

Ohio 43950

State

Address of Well Operator

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

HAR-1009

PERMIT NUMBER

47-033

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO Drill DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Leon D. Harpold
 ADDRESS _____ ADDRESS Rt #3, Box #260-C, Weston, W.Va. 2645
 TELEPHONE _____ TELEPHONE 304 269-4005
 ESTIMATED DEPTH OF COMPLETED WELL: 4460 ROTARY _____ CABLE TOOLS Cable
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS Gas COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 13-3/8	20		
9 - 5/8 10-3/4	370	370	Fill To Top Cement
8 - 5/8	1,200		
7	1,950		
5 1/2			
4 1/2		4,460	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET SALT WATER 670 FEET
 APPROXIMATE COAL DEPTHS 350 FEET 140 & 260
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED, PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

Richard G. Hill
JUN 26 1980

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT OF MINES, OIL AND GAS DIVISION, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Philip Post - 1/2
COAL OPERATOR OR OWNER
Rt. 2, Lost Creek, WV 26385
ADDRESS
Gertie Post Rector - 1/2
COAL OPERATOR OR OWNER
Lost Creek, WV 26385
ADDRESS
Same as Above
LEASE OR PROPERTY OWNER
ADDRESS

St. Clair Oil Co.
NAME OF WELL OPERATOR
219 E. Main, St. Clairsville, OH 43950
COMPLETE ADDRESS
June 18, 19 80
WELL AND LOCATION
Elk District
Harrison County
Well No. Two
Frank Post et.al. Farm

STATE INSPECTOR SUPERVISING PLUGGING.....Paul Garrett

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Harrison }
SS: L. D. Harpold

and Theodore Riffle
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by St. Clair Oil Co., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 15 day of June, 19 79, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
Benson	4536 to 4300 Gel			
	4300 59 4200 30 Sk. Cement			
	4200 to 2475 Gel			
	2475 to 2300 40 Sk. Cement			
	2300 to 1790 Gel			
	1790	Bridge Plug		
		7.25" open Hole Plug		
	1790 to 1628 Cement	Basin Surveys, Inc. 6/27/79		
	1628 to 1621 Rock			
	Ran 2" upset tubing to 1621			
	Set Packer @ 1596 feet			
	Ran 100 ft. Cement on top packer by Dowell			
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)		Producing from big Injun through		
(NAME)		upset 2" tubing. Packer set 1596		
(NAME)		100 ft. cement on top packer.		
(NAME)				

and that the work of plugging and filling said well was completed on the 2 day of July, 19 79.

And further deponents said that

L. D. Harpold
Theodore Riffle
Richard G. Hill
Notary Public.

Sworn to and subscribed before me this 23 day of June, 19 79.

My commission expires: July 19 1981

Permit No. HAR-1009
033