

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 5000
 PROVEN SOURCE OF ELEVATION COMPANY SURVEY TIED INTO U.S.G.S. NETWORK

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.
 (SIGNED) Robert Nelson McCoy
 R.P.E. _____ L.L.S. lls

PLACE SEAL HERE

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

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 932.0 WATER SHED DUNKARD CREEK
 DISTRICT CLAY COUNTY MONONGALIA
 QUADRANGLE OSAGE 7.5
 SURFACE OWNER CONSOLIDATION COAL COMPANY ACREAGE 50
 OIL & GAS ROYALTY OWNER UNKNOWN LEASE ACREAGE _____
 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 NONE ESTIMATED DEPTH _____
 WELL OPERATOR CONSOLIDATION COAL CO. DESIGNATED AGENT ROGER E. DUCKWORTH
 ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505 ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE AUGUST, 1983
 OPERATOR'S WELL NO. M15-145
 API WELL NO. 47-061-0735-R-P
 STATE CLAY COUNTY MONONGALIA PERMIT

(was Mon. 50)

26 1983

ENGINEER'S CERTIFICATE.

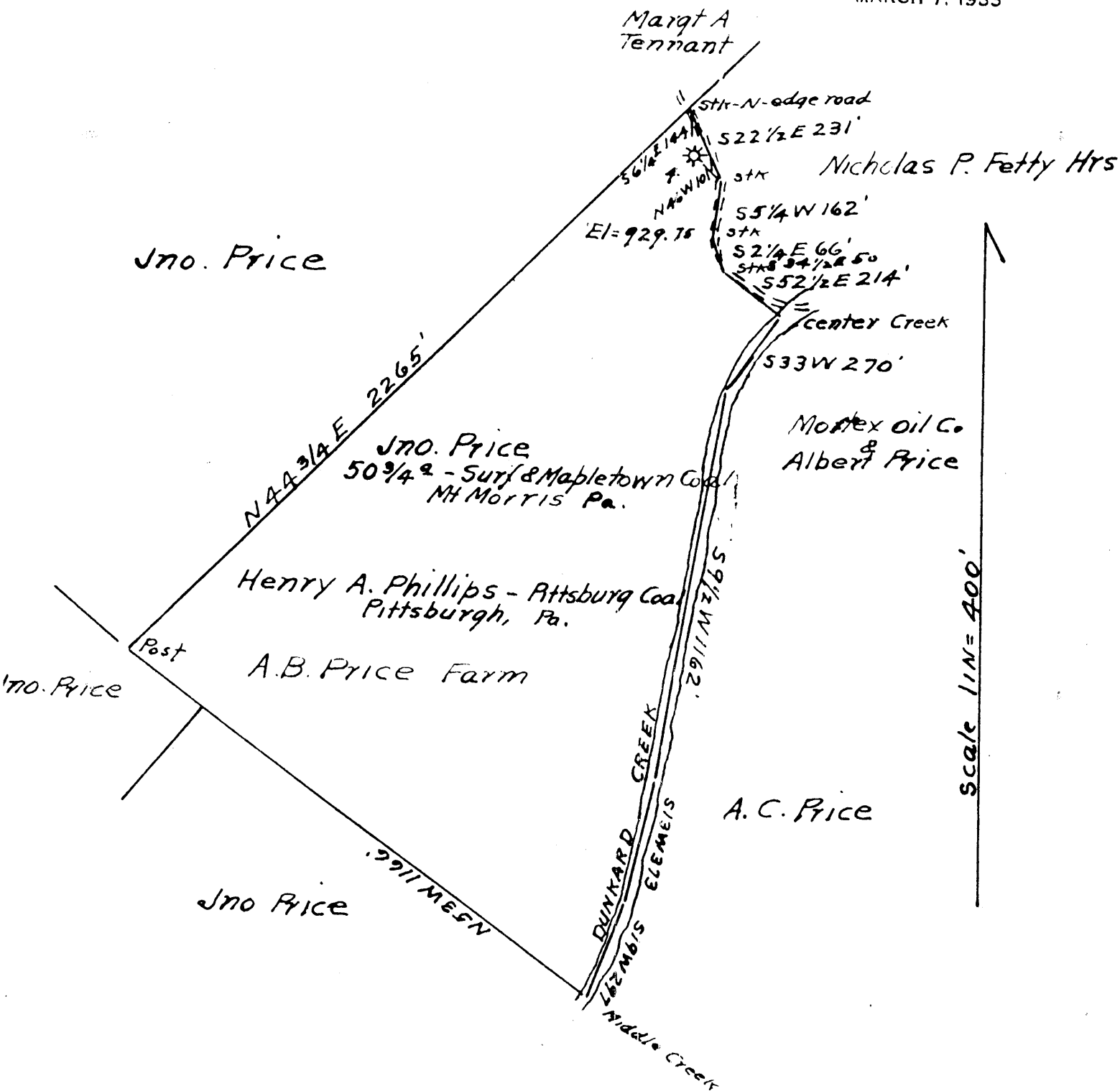
I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

Frank Goodwin
Engineer.

Acknowledged before me a Notary Public in and for Allegheny County, Pa., this 13th day of September, 1932.

T. L. Plante

T. L. PLANTE, Notary Public
MY COMMISSION EXPIRES
MARCH 7, 1933



SEP 14 1932

MON-50
see 735

Mon 50
Now: 735

Clay District, Monongalia County, W. Va.
 By South Penn Oil Co., P. O. Drawer 1255, Pittsburgh, Pa.
 On 156 acres, surface owned by John Price, Mt. Morris, Pa., and
 mineral rights by John W. Price et al., Mt. Morris, Pa.
 Drilled deeper under permit Mon-50, issued Sept. 26, 1932.
 Elevation, 922.75' L.
 16' conductor; 10" casing, 482'; 8 1/2", 1298'; 6-5/8", 1683';
 5-3/16", 2724'; 2" tubing, 2916'.
 Packer, 2 x 5-3/16, set at 2680'.
 Coal was encountered at 378-384 and 462-468'.
 Liner, 4 1/2 x 4", 180'.
 Completion? reported to Dept. of Mines Sept. 26, 1933.
 Salt water at 1375'.
 Producing hoist.

	Top.	Bottom.
Mapletown (Sewickley) Coal	378	- 384
Pittsburgh Coal	462	- 468
Little Dunkard Sand	832	- 845
Big Dunkard Sand	990	- 1036
Gas Sand (light gas, 1175'; oil, 1195')	1152	- 1223
1st Salt Sand (4 bbl. water per hour at 1375')	1290	- 1390
2nd Salt Sand	1415	- 1520
Little Lime	1649	- 1661
Pencil Cave	1661	- 1670
Big Lime	1670	- 1717
Big Injun Sand (gas, 1742')	1717	
Total depth		1779
DRILLED DEEPER		
Big Injun Sand	1717	- 1871
Shells	1871	- 1880
Squaw Sand	1880	- 1928
Slate-Lime-Shells	1928	- 1994
Gantz Sand	1994	- 2023
Slate-Lime-Shells	2023	- 2331
50-Ft. Sand	2331	- 2438
Slate-Shells	2438	- 2487
30-Ft. Sand	2487	- 2510
Slate-Shells	2510	- 2545
Red rock	2545	- 2555
Slate-Shells	2555	- 2585
Sand-Slate-Shells	2585	- 2690
Gordon Sand	2690	- 2712
Slate-Shells	2712	- 2736
Fourth Sand	2736	- 2764
Slate-Shells	2764	- 2868
Fifth Sand (gas, 2871-2876'; oil show, 2880-2882')	2868	- 2891
Slate, to bottom	2891	- 2900

Cloy District, *Marysville* Wetzel County, W. Va.
 By South Penn Oil Co., Drawer 1255, Pittsburgh, Pa.
 Preliminary data sheet missing.
 Gas well; exhausted.
 Abandonment reported to Dept. of Mines Sept. 13, 1932.

Mon, 50

	Top.	Bottom.
Conductor	0	16
Mapletown (Sewickley) Coal	378	484
Pittsburgh Coal (10" casing, 482')	462	468
Little Dunkard Sand	832	845
Big Dunkard Sand	990	1036
Gas Sand, (gas, light, 1175'; oil, 1195')	1152	1223
1st Salt Sand (8 1/2" casing, 1298'; water, 1375')	1290	1390
2nd Salt Sand	1415	1520
Little Lime	1649	1661
Pencil Cave	1661	1670
Big Lime (6-5/8" casing, 1683')	1670	1717
Big Injun Sand (gas, 1742')	1717	
Total depth		1779



1) Date: September 7, 1985
2) Operator's Well No. 115-145
3) API Well No. 47 State 061 County 0735 Permit

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil X / Gas _____ /
B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 932.0 Watershed: Dunkard Creek
District: Clay County: Monongalia Quadrangle: Osage 7.5
- 6) WELL OPERATOR Consolidation Coal Co. 11) DESIGNATED AGENT Roger E. Duclaworth
Address P. O. Box 1314 Address P. O. Box 1314
Morgantown, WV 26507-1314 Morgantown, WV 26507-1314
- 7) OIL & GAS ROYALTY OWNER _____ 12) COAL OPERATOR Consolidation Coal Co.
Address _____ Address P. O. Box 1314
Morgantown, WV 26507-1314
- 8) SURFACE OWNER Consolidation Coal Co. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
Address Same as above Name Consolidation Coal Company
Address Same as above
- 9) FIELD SALE (IF MADE) TO: _____ 14) COAL LESSEE WITH DECLARATION ON RECORD:
Address Consolidation Coal Co. Name _____
Same as above Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
Name William Blosser
Address Colfax, WV
- 15) PROPOSED WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____ /
Plug off old formation X / Perforate new formation _____ /
Other physical change in well (specify) Clean out to plug
- 16) GEOLOGICAL TARGET FORMATION, _____
17) Estimated depth of completed well, _____ feet
18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No _____

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor									Kinds	
Fresh water										
Coal									Sizes	
Intermediate										
Production									Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: _____
My Commission Expires _____

Signed: _____
Its: _____

OFFICE USE ONLY
DRILLING PERMIT

Permit number _____ Date _____

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires _____ unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

.....

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____/ owner _____/ lessee _____/ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

By _____

Its _____

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, 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.

Consolidation Coal Company
COAL OPERATOR OR OWNER
 P. O. Box 1314, Morgantown, WV 26507-1314
ADDRESS
 Same as above
COAL OPERATOR OR OWNER
 Same as above
ADDRESS
 Same as above
LEASE OR PROPERTY OWNER
ADDRESS

Consolidation Coal Company
NAME OF WELL OPERATOR
 P. O. Box 1314, Morgantown, WV 26507-1314
COMPLETE ADDRESS
 October 10, 19 83
WELL AND LOCATION
 Clay District
 Monongalia County
 Well No. M15-145
 Consolidation Coal Company Farm

STATE INSPECTOR SUPERVISING PLUGGING

William Blosser, Colfax, WV

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Monongalia

Mike Wright

and Calvin Loft

OIL & GAS DIVISION

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 Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 21st day of September, 19 83, and that the well was plugged and filled in the following manner:

RECEIVED
OCT 21 1983

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSS PULLED	CSS LEFT IN
Pulled 2848' of 5 3/16" casing.	2 3/8" tubing. Pulled 1722' of Placed cement plug from 2730' to 1630'. Cut and pulled 1546' of 6 5/8" casing.	10" (left in)	113' to 492'	
Cut and pulled 300' of 8" casing. Unable to pull 379' of 10" casing.		2 3/8" tubing 4 1/2" casing	591.95' to surface	1583.80' to 591.95'
Cleaned well bore to 1660' and ran coal protection string as follows: 2 3/8" tubing from 1583.80' to 591.95', 4 1/2" casing from 591.95 to surface.				
Flapper at 590.5'. Ran cement as follows: Pumped 365 sacks of Poz Mix followed by 635 sacks of expanding cement. Displaced cement with water to 589.95'. Let set and bailed dry. Tagged top of cement.				
COAL SEAMS				
(NAME) Pittsburgh	462' - 468'			
(NAME)				
(NAME)				
(NAME)				
			DESCRIPTION OF MONUMENT	
			Five feet of 4 1/2" casing with plaque stating: Consol M15-145 061-0735-R-P	

and that the work of plugging and filling said well was completed on the 2nd day of October, 19 83

And further deponents saith not.

Sworn to and subscribed before me this 19th day of October, 19 83

Calvin Loft
Mark Wright
Sheil Fletcher

My commission expires:

December 7, 1992

Notary Public

Permit No. M15-145-RED-P

MONON. 0735-RED-P