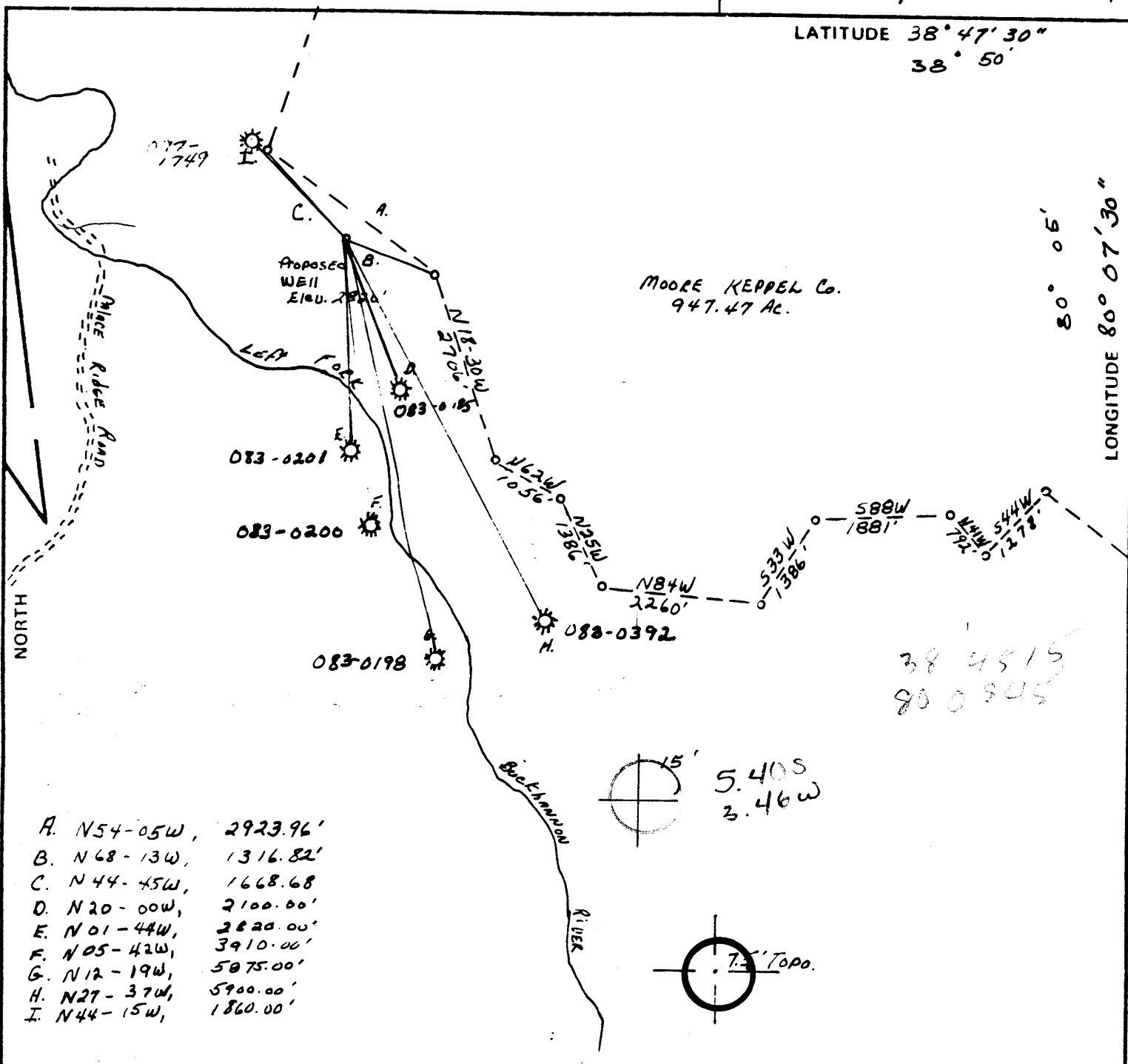


5,710'

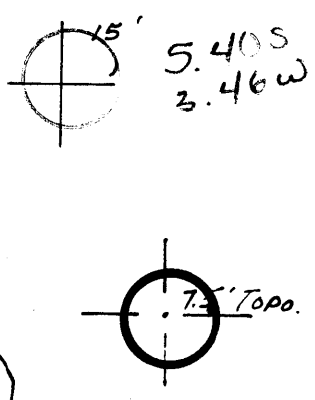
LATITUDE 38° 47' 30"
38° 50'

LONGITUDE 80° 07' 30"
80° 06'



MOORE KEPPEL Co.
947.47 Ac.

- A. N54-05W, 2923.96'
- B. N68-13W, 1316.82'
- C. N44-45W, 1668.68'
- D. N20-00W, 2100.00'
- E. N01-44W, 2620.00'
- F. N05-42W, 3910.00'
- G. N12-19W, 5075.00'
- H. N27-37W, 5900.00'
- I. N44-15W, 1860.00'



38 45 15
80 09 45

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION USGS B.M. PALICE VALLEY 2102, USGS AITON QUAD

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) Raymond D. [Signature]
R.P.E. _____ L.L.S. 624
Norton Surveys + Consulting, Inc.

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE MARCH 31, 1981
OPERATOR'S WELL NO. HUBER 73
API WELL NO. 47-097-2353
STATE COUNTY PERMIT

Issued in Error as: RAN-450

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 2820' WATER SHED BUCKHANNON RIVER
DISTRICT Washington COUNTY Upshur
QUADRANGLE AITON QUAD S09 15 SC
SURFACE OWNER COASTAL LUMBER ACREAGE 15,379
OIL & GAS ROYALTY OWNER EQUITABLE GAS LEASE ACREAGE 15,379
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 BENSON ESTIMATED DEPTH 3800' ALEXANDER JAN 18 1982
WELL OPERATOR SENECA-UPSHUR PET. CO. DESIGNATED AGENT JOSEPH HAGER 356
ADDRESS P.O. Box P



IV-35
(Rev 8-81)

Date November 6, 1981
Operator's
Well No. J.M. Huber #73
Farm _____
API No. 47 -083- -0450-
47-097-2353
(CORRECTED PERMIT NUMBER)

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 2820' Watershed Buckhannon River
District: Middle Fork County Randolph Quadrangle Alton
WASHINGTON UPSHUR

COMPANY Seneca-Upshur Petroleum, Inc.
ADDRESS P.O. Drawer P, Buckhannon, WV 26201
DESIGNATED AGENT Seneca-Upshur Petroleum, Inc.
ADDRESS P.O. Drawer P, Buckhannon, WV 26201
SURFACE OWNER Coastal Lumber Company
ADDRESS Buckhannon, West Virginia 26201
MINERAL RIGHTS OWNER Equitable Gas Co.
ADDRESS 420 Blvd. of the Allies, Pittsbgh., PA
OIL AND GAS INSPECTOR FOR THIS WORK Robert Stewart ADDRESS Jane Lew, WV
PERMIT ISSUED 4/7/81
DRILLING COMMENCED 5/16/81
DRILLING COMPLETED 5/23/81

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	13	13	10
13-10"			
9 5/8			
8 5/8	1503	1503	400
7			
5 1/2			
4 1/2		2194	210
3			
2			
Liners used		10	381

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

GEOLOGICAL TARGET FORMATION Benson Depth 3900 feet
Depth of completed well 3900 feet Rotary X / Cable Tools _____
Water strata depth: Fresh _____ feet; Salt _____ feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Fifth Sand Pay zone depth 2022 feet
Gas: Initial open flow Trace Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 310 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 2 hours
Static rock pressure 470 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Hydraulic Frac:

Date: 6/17/81
 Fresh Water: 590 BBLs.
 Sand: 60,000#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand			0	234	
Sand & Shale			234	676	
Sand, Shale, and Red Rock			676	1106	
L. Lime			1106	1126	
Big Lime			1126	1293	
Big Injun			1293	1386	
Sand & Shale			1386	1581	
Gantz			1581	1608	
Sand & Shale			1608	1904	
Fifth Sand			1904	2046	
Sand & Shale			2046	2173	
Bayard			2173	2200	
Sand & Shale			2200	2446	
Speechley			2446	2489	
Sand & Shale			2489	2520	
Balltown			2520	2580	
Sand & Shale			2580	3130	
Riley			3130	3170	
Sand & Shale			3170	3395	
Renson			3395	3495	
Sand & Shale			3495	3900	T.D.

(Attach separate sheets as necessary)

Seneca-Upshur Petroleum, Inc.

Well Operator

By:

Date: November 6, 1981

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ... encountered in the drilling of a well."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J. M. Huber #73
API Well No. 47-083 0450
State County Permit

WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 2820' Watershed: Buckhannon River
District: Middle Fork County: Randolph Quadrangle: Alton

WELL OPERATOR Seneca-Upshur Petroleum, Inc.
Address P. O. Drawer "P"
Buckhannon, West Virginia 26201

DESIGNATED AGENT Operator
Address _____

OIL & GAS ROYALTY OWNER Equitable Gas Company
Address 420 Blvd. of the Allies
Pittsburgh, Pa. 15219

COAL OPERATOR NONE
Address _____

Acres 15,379
SURFACE OWNER Coastal Lumber Company
Address Buckhannon
West Virginia
Acres 15,379

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name J. M. Huber Corporation
Address Marysville
Tennessee
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____



APR - 7 1981

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert Stewart
Address Jane Lew, West Virginia
884-7782

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above

location under a deed 28 / lease / other contract / dated 12/1, 1927, to the undersigned well operator from _____

[If said deed, lease, or other contract has been recorded:]

Recorded on 1/6, 1928, in the office of the Clerk of the County Commission of Upshur County, West Virginia, in _____ Book 129 at page 200. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any obligation 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.

Copies of this Permit Application and the enclosed plat and declaration 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, Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1405 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 262-2200

Seneca-Upshur Petroleum, Inc.
Well Operator

By [Signature]
Vice President

BLANKET PERMIT

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-2 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Little Swiss Drilling Company

Address P. O. Drawer "P"

Buckhannon, West Virginia 26201

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 4500 feet Rotary X

Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.

Approximate coal seam depths: _____ Is coal being mined in the area: Yes _____ / No X

CASING AND LUBING PROGRAM

CASING OR LUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic Feet)	REMARKS	
	Size	Grade	Weight per ft	New	Used	For drilling			Left in well
Conductor	13					20	20	To Surface	Minis
Fresh water									
Oil									
Production	8 5/8"					750	750	To Surface	
Completion	4 1/2"						4500	3000'	Deaths
Churn									
Miners									Populations

Section 20-4-2 of the Department of Mines provides that the original and copies of Form IV-2 must be filed with the Department, accompanied by (i) a plot in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 15, or in the form of the other security allowed by Code § 20-4-2, (iii) Form IV-3, "Reclamation Plan", applicable to the reclamation required by Code § 20-4-1b and Regulation 23, (iv) an affidavit filed with the same well, the fee required by Code § 20-4-12, and (v) the consent required by Code § 20-4-2a from the owner of any water well in the same area as the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating operations when fracturing or stimulating is to be part of the work for which a permit is sought under this permit. The Form IV-2 filed in connection therewith.

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 12-22-81.

[Signature]
Deputy Director - Oil & Gas Division

Completed by the well operator and by a person who has recorded a declaration under Code § 20-4-20, if the permit is issued within fifteen (15) days of receipt thereof.

W A I V E R

I, the undersigned, an operator / owner / lessee / of the coal under this permit, have 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 work being done at this location, provided, the well operator has complied with all provisions of the West Virginia Code and the governing regulations.

By _____
Its _____