



FILE NO. _____
DRAWING NO. _____
SCALE 1 = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION USGS B.M. PALACE 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) Joseph P. Hager
R.P.E. _____ L.L.S. 624
Karton 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. HUBERT4
API WELL NO. _____
47 - 097 - 2354
STATE COUNTY PERMIT

Issued in Error as: RAN-451

WELL TYPE: OIL ___ GAS LIQUE INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 2420' WATER SHED BUCKHANNON RIVER
DISTRICT Washington COUNTY Upshur
QUADRANGLE AITON QUAD. Sage W 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) _____
JAN 1 8 1982

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION BENSON ESTIMATED DEPTH 3800' ALEXANDER
WELL OPERATOR SENECA-UPSHUR PET. CO. DESIGNATED AGENT JOSEPH HAGER 356
ADDRESS P.O. Box P ADDRESS P.O. Box P



IV-35
(Rev 8-81)

RECEIVED

State of West Virginia

OIL AND GAS DIVISION
BY DEPARTMENT OF MINES

Department of Mines
Oil and Gas Division

Date November 19, 1981

Operator's
Well No. J.M. Huber #74

Farm _____

API No. 47 - -083 - - - -0451

→ 47-097-2354
(CORRECTED PERMIT NUMBER)

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: 2420' 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, WV 26201

MINERAL RIGHTS OWNER Equitable Gas Company

ADDRESS 420 Blvd. of the Allies, Pitts., PA 15219

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Stewart ADDRESS Jane Lew, West Virginia

PERMIT ISSUED 4/7/81

DRILLING COMMENCED 5/8/81

DRILLING COMPLETED 5/14/81

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

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	847	847	210
7			
5 1/2			
4 1/2		3275	410
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4500' feet

Depth of completed well 3360 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 30', 910' 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 1557 feet

Gas: Initial open flow Trace Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 78 Mcf/d Final open flow 0 Bbl/d

108 MCF Time of open flow between initial and final tests 2 hours

Static rock pressure 490 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)

Second producing formation Benson Pay zone depth 3109 feet

Gas: Initial open flow Trace Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 30 Mcf/d Oil: Final open flow 0 Bbl/d

Time of open flow between initial and final tests 2 hours

Static rock pressure 490 psig (surface measurement) after 24 hours shut in

(Continue on reverse side)

1 JAN 18 1982

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

Hydraulic Frac

DATE: 6/11/81
 FRESH WATER: 552 BBLs.
 SAND: 60,000#

RECEIVED

NOV 24 1981

OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

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	76	
Shale			76	107	
Sand			107	207	
Red Rock & Shale			207	410	
Sand, Shale, & Red Rock			410	577	
Monday			577	647	
Shale			647	692	
Big Lime			692	866	
Big Injun			866	949	
Sand & Shale			949	1152	
Gantz			1152	1184	
Sand & Shale			1184	1418	
Fourth Sand			1418	1474	
Sand & Shale			1474	1508	
Fifth Sand			1508	1509	
Sand & Shale			1509	1659	
Bayard			1659	1689	
Sand & Shale			1689	1925	
Speechley			1925	1975	
Sand & Shale			1975	2035	
Balltown			2035	2089	
Sand & Shale			2089	3081	
<u>Benson</u>			3081	3290	T.D.

(Attach separate sheets as necessary)

Seneca-Upshur Petroleum, Inc.
 Well Operator

By: 

Date: November 19, 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 coal, encountered in the drilling of a well"