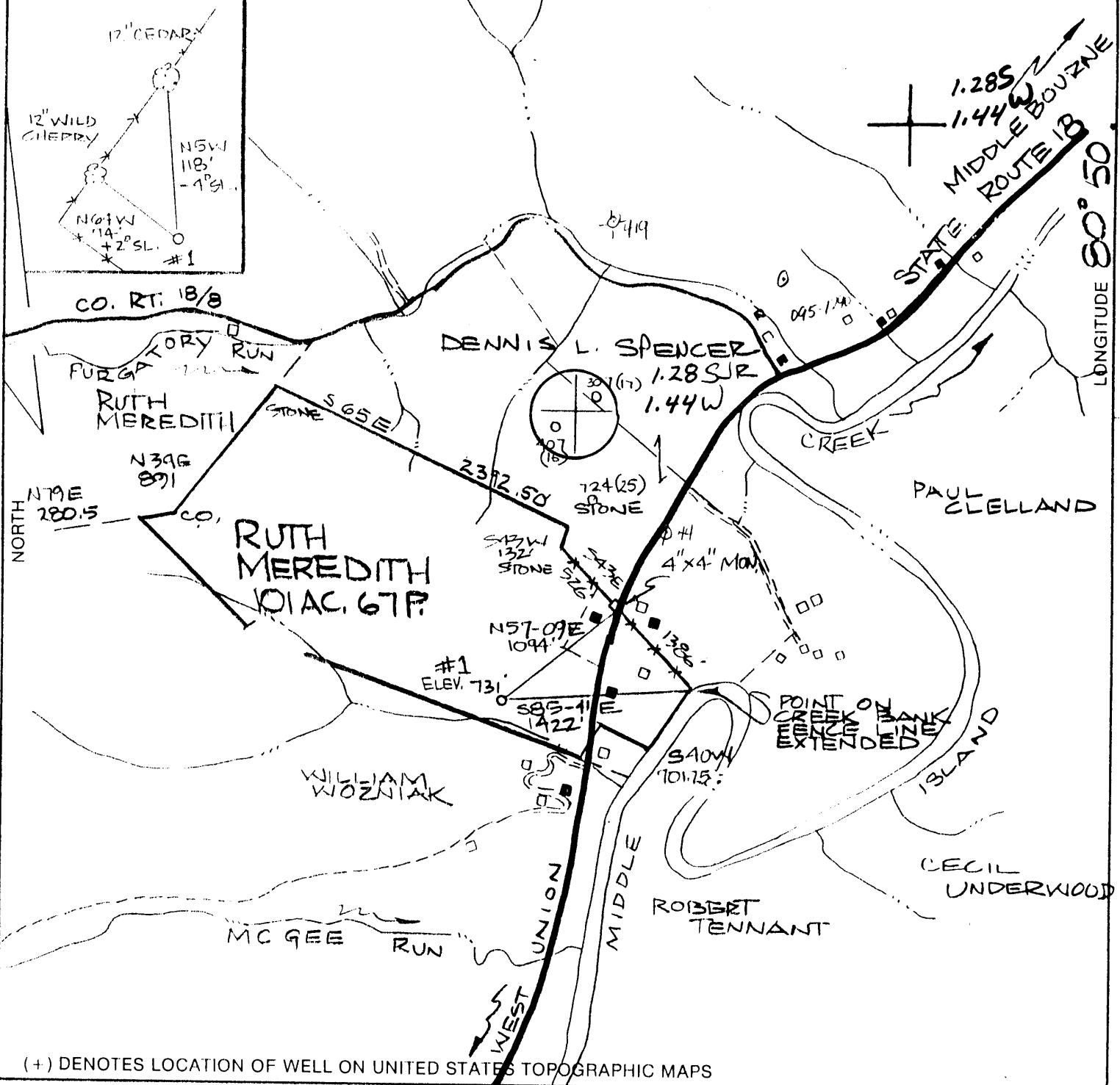


Janie 9/20/89

7640' LATITUDE 39° 25'



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD ELEV. 717

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.

(SIGNED) *William Wozniak*

R.P.E. _____ L.L.S. 551

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE 12 JULY 19 89
 OPERATOR'S WELL NO. #1
 API WELL NO. RUTH MEREDITH #1
 47 095 1330
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 731' WATERSHED MIDDLE ISLAND CREEK
 DISTRICT CENTERVILLE 1 COUNTY TYLER 095
 QUADRANGLE SHIRLEY 607 WEST UNION 133 C
 SURFACE OWNER RUTH MEREDITH ACREAGE 97.5 AC
 OIL & GAS ROYALTY OWNER RUTH MEREDITH LEASE ACREAGE 101 AC. 67P.

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 CHEMUNG ESTIMATED DEPTH 3100'
 WELL OPERATOR SANCHO OIL/GAS CORP DESIGNATED AGENT LOREN BAGLEY
 ADDRESS P.O. BOX 179 ST. MARYS, W.V. 26170 ADDRESS RT 1 MIDDLE BOURNE, WV 26149

SEP 25 1989

6-6 wilbur (092)

FORM WW-6

COUNTY NAME PERMIT

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

perforated 4308 to 4717 with 13 shots

stimulated 10/27/89 with

645 bbl gelled water

30,000 lbs sand

104,000 scf nitrogen

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
unconsolidated soil/silt			0	40	
shale	med grey		40	86	
sandstone	white		86	110	fresh water
shale & siltstone			110	170	
sandstone			170	225	
shale & sandstone			225	420	
sandstone	med grey		420	452	
shale	dark grey		452	900	
sandstone			900	950	
sandstone & shale			950	1525	
Greenbrier Limestone			1525	1582	
Big Injun			1582	1860	
Cuyahoga Shale			1860	2196	
Berea Sandstone			2219	2223	
Top Ohio Shale			2230		
Gordon Siltstone			2645	2654	
Warren Siltstone			3153	3189	
Chemung Formation			4305	4717	
TD				4850	

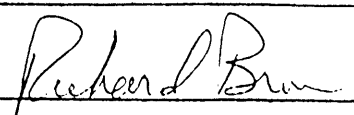
(Attach separate sheets as necessary)

Sancho Oil And Gas Corp

Well Operator

By: Richard Brown, Engineer

Date: Feb 28, 1990



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."

17-095-1330

Issued 9/21/89 Expires 9/21/91

Page ___ of ___

FORM WW-2B

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

- 1) Well Operator: Sancho Oil And Gas Corp #44005 / 600
- 2) Operator's Well Number: #1 Ruth Meredith 3) Elevation: 731'
- 4) Well type: (a) Oil ___ / or Gas XX /
(b) If Gas: Production XX / Underground Storage ___ /
Deep ___ / 436 Shallow XX
- 5) Proposed Target Formation(s): Chemung Formation
- 6) Proposed Total Depth: 5200 feet
- 7) Approximate fresh water strata depths: 110, 270', 280, 263'
- 8) Approximate salt water depths: 1360', 1155', 1215, 1383, 1450', 1590', 1167'
- 9) Approximate coal seam depths: coal blossom @ 390 show @ 43'
434-435'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No XX
- 11) Proposed Well Work:
Drill and Stimulate new well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For Drilling	Depth in well	Fill-up (cu. ft.)
Conductor	13	J55	40#	120'	120'	38csr18-11.3
Fresh Water	8 5/8"	J55	24#	1600'	1600'	38csr18-11.2
Coal						
Intermediate						
Production	4 1/2"	J55	10 1/2#	5200'	5200'	38csr18-11.1
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

RECEIVED
SEP 20 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Fee(s) paid: Plat WW-9 WW-2B Bond Blanket letter WPCP Agent

(Type)

558

RECEIVED
SEP 20 1989

DIVISION OF OIL & GAS 3)
DEPARTMENT OF ENERGY

Date: September 12, 1989
Operator's well number
#1 R. Meredith
API Well No: 47 - 095 - 1330
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Ruth Meredith
Address 33 North Popular St
Chillicothe, Oh 45601
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Glen Robinson
Address Mineral Wells
Telephone (304)- 489-9162

5) (a) Coal Operator:
Name none
Address _____
(b) Coal Owner(s) with Declaration
Name none
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name none
Address _____

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
XX 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:

- XX 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 Sancho Oil And Gas Corp
X By: Loren E. Bagley
Its: President
Address 210 Second Street
St. Marys, West Virginia 26170
Telephone (304)684-7170

Subscribed and sworn before me this 12th day of September, 1989

Sheryl A. Lowler Notary Public
My commission expires February 11, 1997