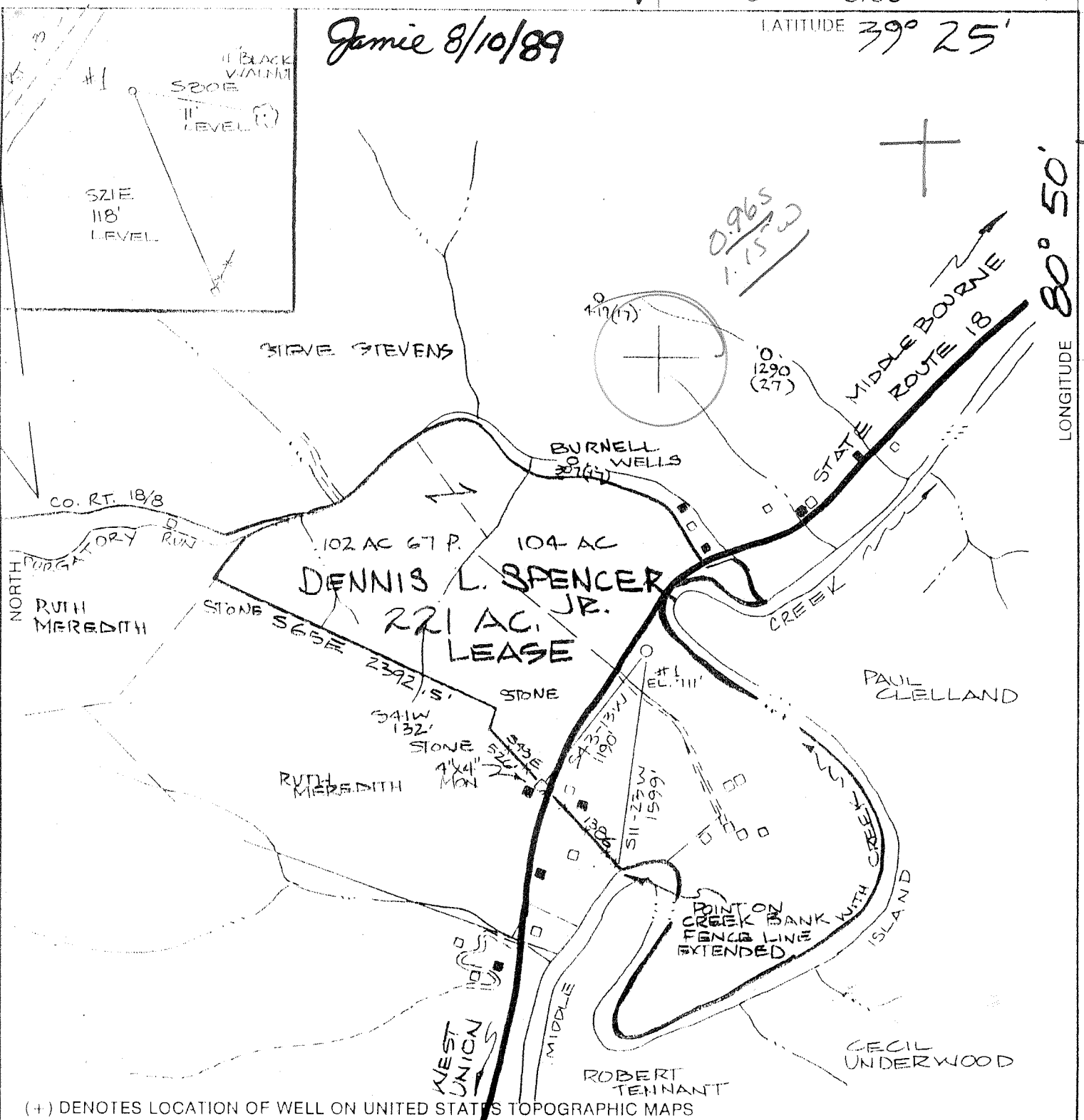


Jamie 8/10/89

LATITUDE 39° 25'

6100'

LONGITUDE 80° 50'



(+) 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) *Willi Hesse*
 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. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 711 WATERSHED MIDDLE ISLAND CREEK
 DISTRICT CENTERVILLE I COUNTY TYLER
 QUADRANGLE SHIRLEY 607 133 S West Union C
 SURFACE OWNER DENNIS L. SPENCER, JR. ACREAGE 104 AC
 OIL & GAS ROYALTY OWNER DENNIS L. SPENCER LEASE ACREAGE 221 AC.

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 5100'
 WELL OPERATOR SANCHO OIL/GAS CORP. DESIGNATED AGENT LOREN BAGLEY
 ADDRESS P.O. BOX 179 ADDRESS RT 1
ST. MARYS, WV 26170 4826 MIDDLEBOURNE, WV 26149

AUG 25 1989

6-6 Shirley

(692)

FORM WW-6

COUNTY NAME PERMIT

Recorded Tm6
Recorded _____

WR-35



State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date 4-25-91
Operator's Well No. #1
Farm Spencer
API No. 47-095-1324

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

RECEIVED
OCT 10 91

Division of Energy
Oil and Gas Section

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X)
LOCATION: Elevation: 711 Watershed Middle Island Creek
District: CENTERVILLE County Tyler Quadrangle Shirley

COMPANY Sancho Oil/Gas Corp.
ADDRESS P.O. BOX 179 St Marys, WV
DESIGNATED AGENT Loren Bagley
ADDRESS Rt. 1 Middlebourne, WV
SURFACE OWNER Dennis Spencer
ADDRESS Rt. 1 Middlebourne, WV
MINERAL RIGHTS OWNER Dennis Spencer
ADDRESS Rt. 1 Middlebourne, WV
OIL AND GAS INSPECTOR FOR THIS WORK _____
Underwood ADDRESS Rt. 2 Salem, WV
PERMIT ISSUED 8-21-89
DRILLING COMMENCED 4-15-91
DRILLING COMPLETED 4-18-91
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
18-18 11-3/4	138	128	65 sx
9 5/8			
8 5/8	1542	1503	cts
7			
5 1/2			
4 1/2	4903	4785	250 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4700 feet
Depth of completed well 4903 feet Rotary X / Cable Tools -
Water strata depth: Fresh 195 feet; Salt 1580 feet
Coal seam depths: 470-473 Is coal being mined in the area? NO

OPEN FLOW DATA
Producing formation Benson Pay zone depth 4989 feet
Gas: Initial open flow 47 Mcf/d Oil: Initial open flow - Bbl/d
Final open flow 1200 Mcf/d Final open flow - Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1550 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation Riley Pay zone depth 4282 feet
Gas: Initial open flow * Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow * Mcf/d Oil: Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure * psig (surface measurement) after _____ hours shut in
* Commingled with Benson (Continue on reverse side)

OCT 13 1991

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

Perforate Binson 4708-4711, (6 holes) Frac with 5,000# 80/100,
20,000# 20/40, 500 gal. Hcl, 39,000 scf of N₂

Perforate Riley 4298-4329 (6 holes) Frac with 5,000# 80/100,
20,000# 20/40 500 Gal Hcl 40,000 scf of N₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Including indication of all fresh and salt water, coal, oil and gas					
Dirt			0	10	
Red Rock			10	20	
Sand/Shale			20	470	H ₂ O 195' 1/2" stre
Coal			470	473	
Sand/Shale			473	1614	H ₂ O 1580' 1" stream
Big Lime			1614	1674	
Shale			1674	1682	
Sand			1682	1690	
Limestone			1690	1824	
Shale			1824	4903	
TD				4903	gas td 20/10 = 1" w/w
E Log Tops					
Big Lime	-	1614			
Big Injun	-	1680			
Berea	-	2194			
Benson	-	4689			

(Attach separate sheets as necessary)

Sanco Oil & Gas
Well Operator

By: [Signature]
Date: October 4, 1991

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."

9362

47-095-1324
 Issued 8/21/89 Expires 8/21/91

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

- 1) Well Operator: ⁰⁵²⁶ Sancho Oil And Gas Corp 44005 (1) 606
- 2) Operator's Well Number: #1 Dennis Spencer 3) Elevation: 711'
- 4) Well type: (a) Oil ___ / or Gas XX
 (b) If Gas: Production XX / Underground Storage ___
 Deep ___ / Shallow ___
- 5) Proposed Target Formation(s): Chemung Formation
- 6) Proposed Total Depth: 5200 feet
- 7) Approximate fresh water strata depths: 110' 250'
- 8) Approximate salt water depths: 1363' 1500' 1570'
- 9) Approximate coal seam depths: Coal Bloom none @ 343'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No XX /
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

RECEIVED
 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY
 AUG 04 1989

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
<u>YAR 8/1/89</u> Conductor	13	J55	40#/ft	130	130' 2	CTS
Fresh Water	3 5/8"	J55	24 #/ft	1600'	1600' 5	surface
Coal						38CSR18-11.3 38CSR18-11.2.2
Intermediate						
Production	4 5/8"	J55	10.5 #	5200'	5200'	38csr18-11.1
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

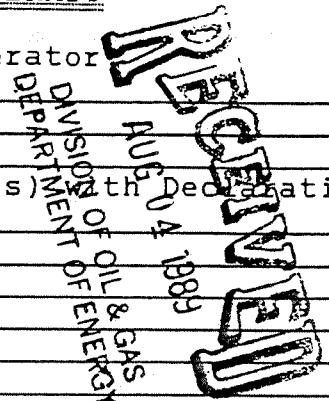
Fee(s) paid: 3340 Well Work Permit 3340 Reclamation Fund 3340 WPCP 3340

1) Date: July 22, 1989
2) Operator's well number
#1 Dennis Spencer
3) API Well No: 47 - 095 - 1324
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 Dennis Spencer
Address Rt #1
Middlebourne, W.Va. 26149
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Glen Robinson
Address Mineral Wells, W.Va.
(304) 489-9162
Telephone (304)- 26149

5) (a) Coal Operator
Name none
Address _____
(b) Coal Owner(s) with Declaration
Name same
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
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
By: X Forest Boyly
Its: President
Address S 210 Second Street
St. Marys, West Virginia 26170
Telephone (304) 684-7170

Subscribed and sworn before me this 31st day of July, 1989

D. L. Louth Notary Public
My commission expires February 11, 1997