

3,700'

LATITUDE 39°07'30"

Janie 6/21/90

RANDALL P SPEAR

Spear No/1 Permit 1445

Spear No/2 Permit 1447

Sellers No/1 Permit 1448

LOCATION SELLERS No/2

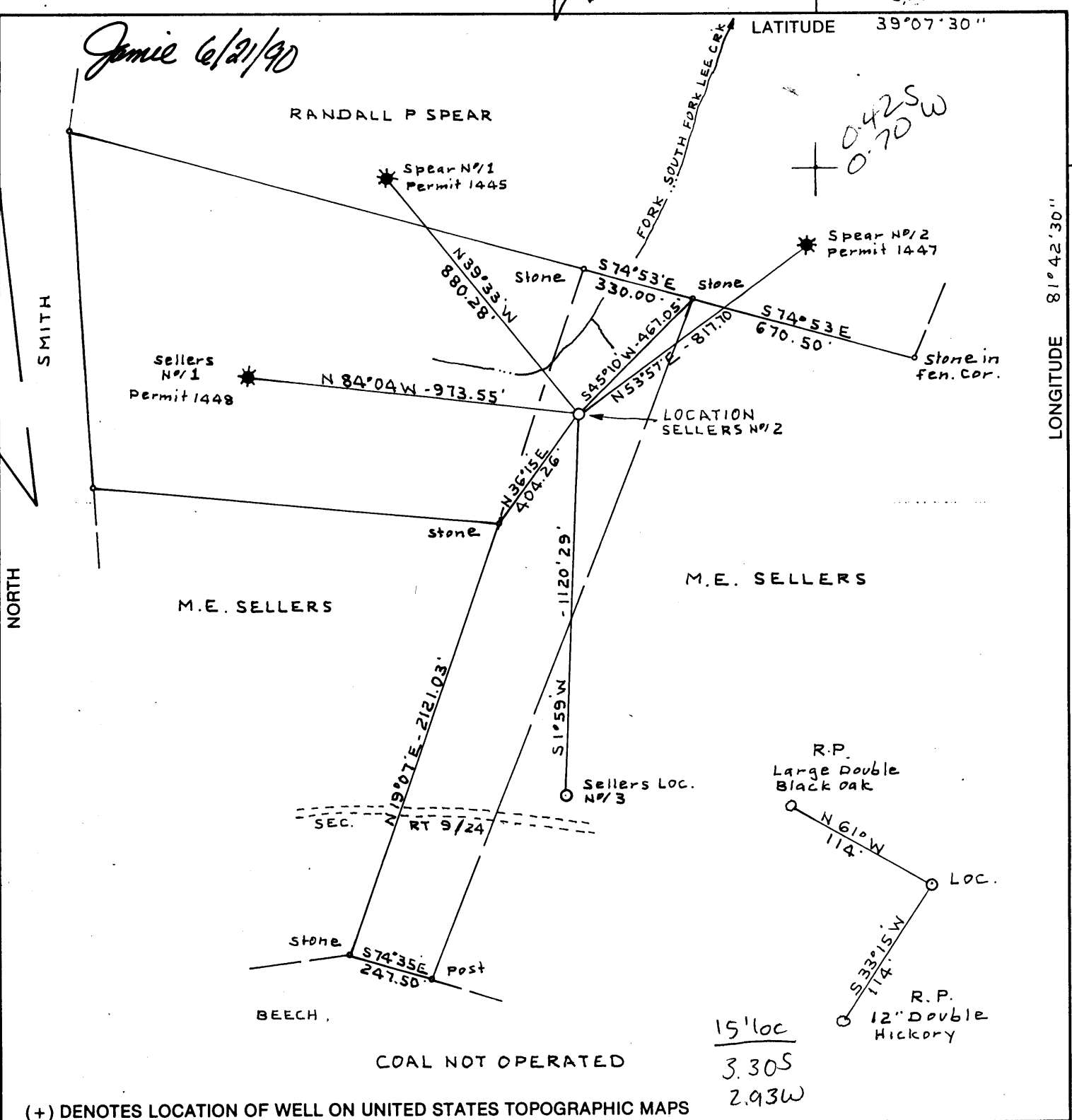
Sellers Loc. No/3

R.P. Large Double Black oak

R.P. 12" Double Hickory

SMITH
NORTH

2322
81°42'30"
LONGITUDE



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

15' loc
3.30S
2.93W

FILE NO. BK 117 PG 47
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1:2500'
 PROVEN SOURCE OF ELEVATION Road Forks 2000'
SW Location El 652'

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) C. J. Volley Jr.
 R.P.E. _____ I.L.S. 92

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE OCT 17, 1989
 OPERATOR'S WELL NO. SELLERS No/2
 API WELL NO. 47 107 1456

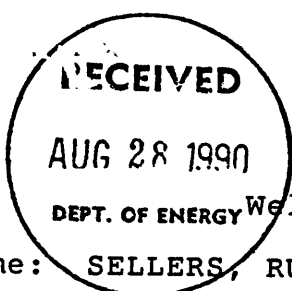
WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 770.90' WATERSHED SOUTH FORK OF LEE CREEK
 DISTRICT HARRIS 2 COUNTY WOOD
 QUADRANGLE POND CREEK Belleville NC
 SURFACE OWNER R.L. SELLERS ACREAGE 74
 OIL & GAS ROYALTY OWNER R.L. SELLERS LEASE ACREAGE 74
 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 DEVONIAN SHALE ESTIMATED DEPTH 4000'
 WELL OPERATOR H.D. WELLS OIL & GAS EXP. & DEV. DESIGNATED AGENT H. D WELLS
 ADDRESS P.O. BOX 1785, CHARLESTON WV, 25326 ADDRESS P.O. BOX 1785 CHARLESTON WV 25326

JUN 29 1990

FORM WW-6
H.T. HALL 48673

COUNTY NAME
PERMIT



State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: SELLERS, RUSSELL L Operator Well No.: SELLERS 2

LOCATION: Elevation: 770.90 Quadrangle: POND CREEK

District: HARRIS County: WOOD
Latitude: 2325 Feet South of 39 Deg. 7 Min. 30 Sec.
Longitude 3700 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: WELLS, H. D. OIL & GAS EX
POST OFFICE BOX 1785
CHARLESTON, WV 25326-0000

Agent: HARLEY D. WELLS

Inspector: GLEN P. ROBINSON
Permit Issued: 06/29/90
Well work Commenced: 07/29/90
Well work Completed: 08/06/90
Verbal Plugging _____
Permission granted on: _____
Rotary x Cable _____ Rig _____
Total Depth (feet) 2125
Fresh water depths (ft) 110
Salt water depths (ft) 1075

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	423	423	140 sks
4 1/2	2203	2203	70 sks

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Berea Pay zone depth (ft) 2055
Gas: Initial open flow 30 MCF/d Oil: Initial open flow show Bbl/d
Final open flow 40 MCF/d Final open flow 2 Bbl/d
Time of open flow between initial and final tests 8 Hours
Static rock Pressure 485 psig (surface pressure) after 4 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: WELLS, H. D. OIL & GAS EXP. & DEV. INC.

By: [Signature]
Date: 8/27/90

Perf: Berea 2055'-2057' 9 holes

Foam Frac: 50,000 lbs. 20/40 sand
250 gal. Methanol
543,000 SCF nitrogen



Formation	Top Ft.	Bottom Ft.	
Clay Red	0	105	
Shale Dark	105	180	Fresh Water @ 110
Sand & Shale	180	550	
Red Rock	550	810	
Shale	810	1002	
Sand-Salt	1002	1270	Salt Water @ 1075'
Shale	1270	1690	
Injun Sand	1690	1750	
Shale	1750	2055	
Berea	2055	2057	
Shale	2057	2125	Total Depth

10831

47-107-1456
 Issued 6/29/90
 Expires 6/29/92
 Page 3 of 3

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

- 1) Well Operator: ⁹⁴³ H. D. Wells Oil & Gas Exp. & Dev., Inc. 52900 (2) 552
- 2) Operator's Well Number: Sellers No. 2 3) Elevation: 770.90
- 4) Well type: (a) Oil ___ / or Gas x /
 (b) If Gas: Production x / Underground Storage ___ /
 Deep ___ / Shallow ___
- 5) Proposed Target Formation(s): ³²⁵ Berea Sandstone
- 6) Proposed Total Depth: 2500 feet
- 7) Approximate fresh water strata depths: 95' , 286'
- 8) Approximate salt water depths: 1000' OK
- 9) Approximate coal seam depths: n/a OK
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No x /
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water	8 5/8"	J55		400'	400'	200 sacks
Coal						
Intermediate						
Production	4 1/2"	J55		2500'	2500'	1000 ft.
Tubing						
Liners						

RECEIVED

Division of Energy

PACKERS : Kind _____
 Sizes _____
 Depths set _____

JUN 19 90

Permitting

Oil and Gas Section

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund _____

_____ _____ _____ _____ _____ _____

5749 #6

RECEIVED

Division of Energy

JUN 19 90

Permitting
Oil and Gas Section

Page 1 of 3
Form WW2-A
(09/87)
File Copy

1) Date: June 11, 1990
2) Operator's well number
Sellers No. 2
3) API Well No: 47 - 107 - 1456
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 Russell L. Sellers
Address #8 Oak Circle, Bickel Est.
Parkersburg, WV 26101
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator:
Name n/a
Address _____
(b) Coal Owner(s) with Declaration
Name n/a
Address _____
Name _____
Address _____

6) Inspector Glen Robinson
Address Rt. 1, #6 Mt. Pleasant Est.
Mineral Wells, WV 26150
Telephone (304)-489-2736

(c) Coal Lessee with Declaration
Name n/a
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
x 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 3 on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- x 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 H. D. Wells Oil & Gas Exp. & Dev., Inc.
By: [Signature]
Its: President
Address P.O. Box 1785
Charleston, WV 25326
Telephone 346-2829

Subscribed and sworn before me this 11th day of June, 1990

[Signature]

Notary Public

My commission expires November 20, 1995