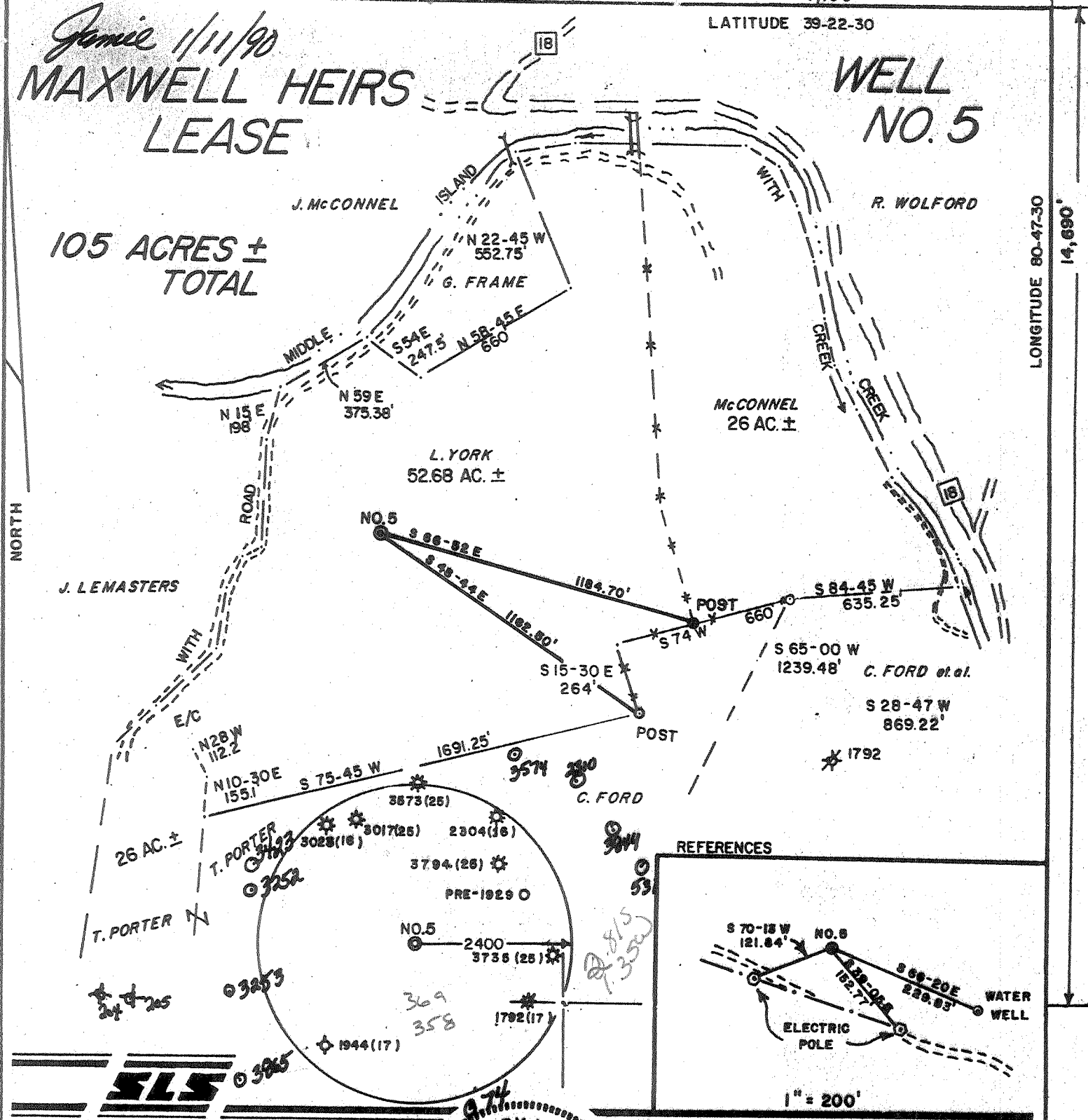


Janice 1/11/90

MAXWELL HEIRS LEASE

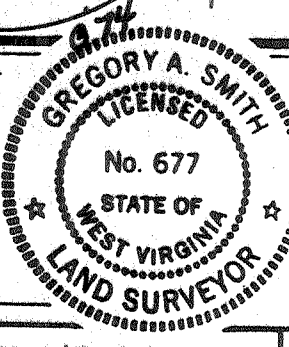
WELL NO. 5

105 ACRES ± TOTAL



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.

L.L.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE NOVEMBER 6, 1990
 OPERATORS WELL NO. MAXWELL HEIRS NO. 5
 API WELL NO. 47-017-3875
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2060 (31-76)
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEV. 75' SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 823' WATERSHED MIDDLE ISLAND CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER LINDLY P. & HIROKO YORK ACREAGE 52.68
 ROYALTY OWNER CHARLES MAXWELL HRS. et al. LEASE ACREAGE 52.68 OF 105
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON
 ESTIMATED DEPTH 5200'

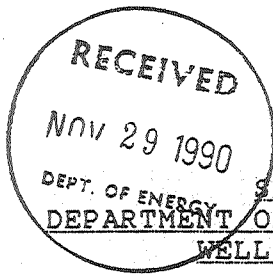
WELL OPERATOR QUAKER STATE CORP. DESIGNATED AGENT FRANK ROTUNDA
 ADDRESS 1226 PUTNAM-HOWE DR. BELPRE, OHIO 45714 ADDRESS PO BOX 823 PARKERSBURG, WV 26102

LONGITUDE 80-47-30
14,690'

COUNTY NAME PERMIT

47-017-3875
Issued 11/11/91

FORM WW-2B



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

Expires 11/11/93

- 1) Well Operator: Quaker State Corporation 40400 (8) 670
- 2) Operator's Well Number: (F-0000133) Maxwell Heirs #5 3) Elevation: 823'
- 4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production X / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 4830 feet
- 7) Approximate fresh water strata depths: 75', 100', 63'
- 8) Approximate salt water depths: 900'
- 9) Approximate coal seam depths: N/A 149'-151'
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Drill and stimulate new well
- 12)

CASING AND TUBING PROGRAM

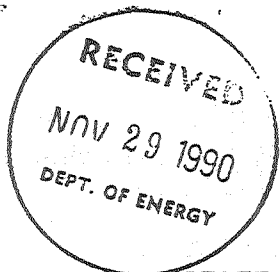
TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor						<u>o.k. MU</u>
Fresh Water	9 5/8"	H40	29	130'	130'	<u>C.T.S.</u>
Coal						<u>38CSR18 11.3</u>
Intermediate	7"	H40	20	1100'	1100'	<u>C.T.S.</u>
Production	4 1/2"	H40	10.5	4830'	4830'	<u>As required by 38CSR18 11.1</u>
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

2026736

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Security Deposit Agent
 (Type)



1) Date: 11-16-90
2) Operator's well number
Maxwell Heirs #5
3) API Well No: 47 - 017 - 3875
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Lindly P. & Hiroko J. York</u> Address <u>Mid Starr Rt. - Box 40A</u> <u>West Union, WV 26456</u></p> <p>(b) Name <u>Joe McConnell</u> Address <u>Mid Starr Rt. - Box 148</u> <u>West Union, WV 26456</u></p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator: Name <u>N/A</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration Name <u>N/A</u> Address _____</p> <p>(c) Coal Lessee with Declaration Name <u>N/A</u> Address _____</p>
<p>6) Inspector <u>Mike Underwood</u> Address <u>Route 2, Box 135</u> <u>Salem, WV 26426</u> Telephone (304)-<u>782-1043</u></p>	

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 _____ on the above named parties, by:
X 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 Quaker State Corporation
By: Frank Rotunda *Frank Rotunda*
Its: Designated Agent
Address P.O. Box 823
Parkersburg, WV 26102
Telephone (614) 423-9543

Subscribed and sworn before me this 19th day of November, 1990

My commission expires _____
Tina J. Russell Notary Public
Tina J. Russell
Notary Public, State Of Ohio