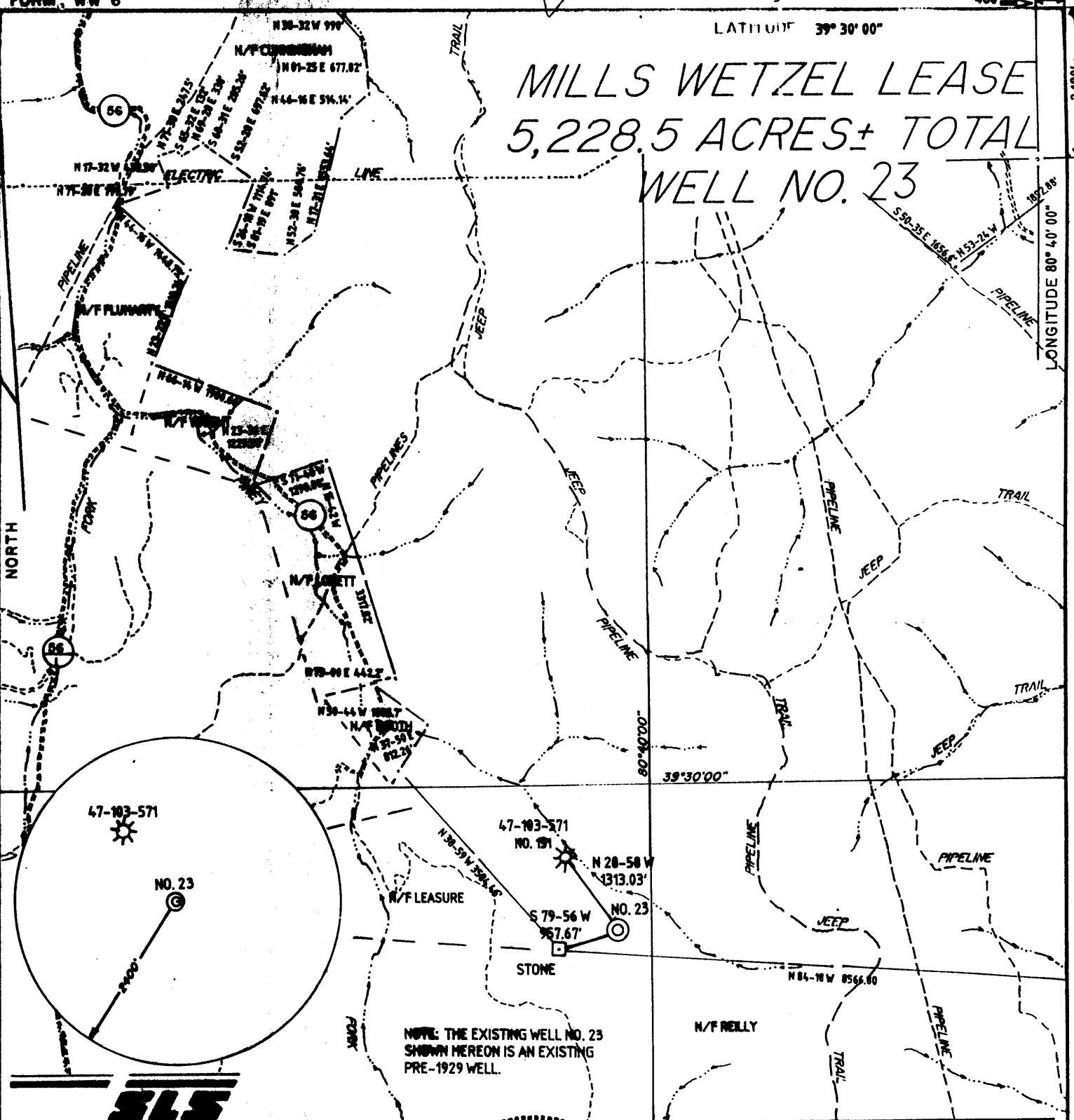


LATITUDE 39° 30' 00"

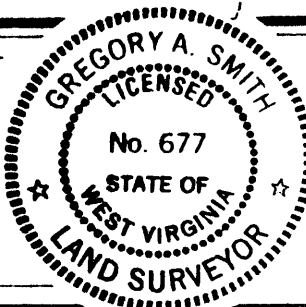
MILLS WETZEL LEASE
5,228.5 ACRES± TOTAL
WELL NO. 23

LONGITUDE 80° 07' 08" EAST



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 AUGUST 19, 19 93

OPERATORS WELL NO. WELL NO. 23

API WELL NO. 47 STATE 103 COUNTY 1551-W PERMIT Conceded

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2865 (43-02)
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 838' SCALE 1" = 2000'

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 1143' WATERSHED PINEY FORK
 DISTRICT GREEN COUNTY WETZEL QUADRANGLE CENTER POINT 7.5'

SURFACE OWNER LEWIS WETZEL HUNTING GROUNDS ACREAGE 5228.5
 ROYALTY OWNER MILLS WETZEL LANDS, Inc. LEASE ACREAGE 5228.5

PROPOSED WORK: LEASE NO. _____
 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 _____ ESTIMATED DEPTH _____

WELL OPERATOR QUAKER STATE CORP. DESIGNATED AGENT FRANK ROTUNDA
 ADDRESS 1226 PUTNAM-HOME DRIVE BELPRE, OHIO 45714 ADDRESS P.O. BOX 823 PARKERSBURG, WV 26102

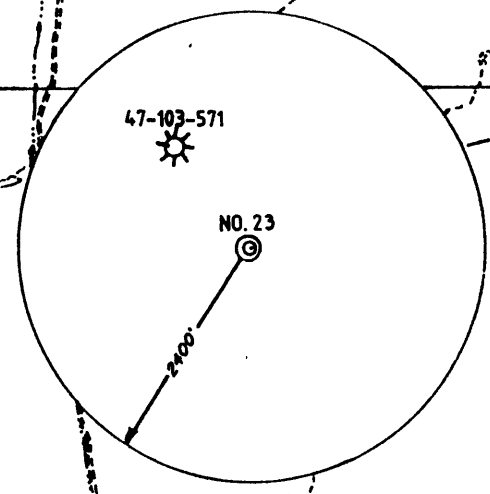
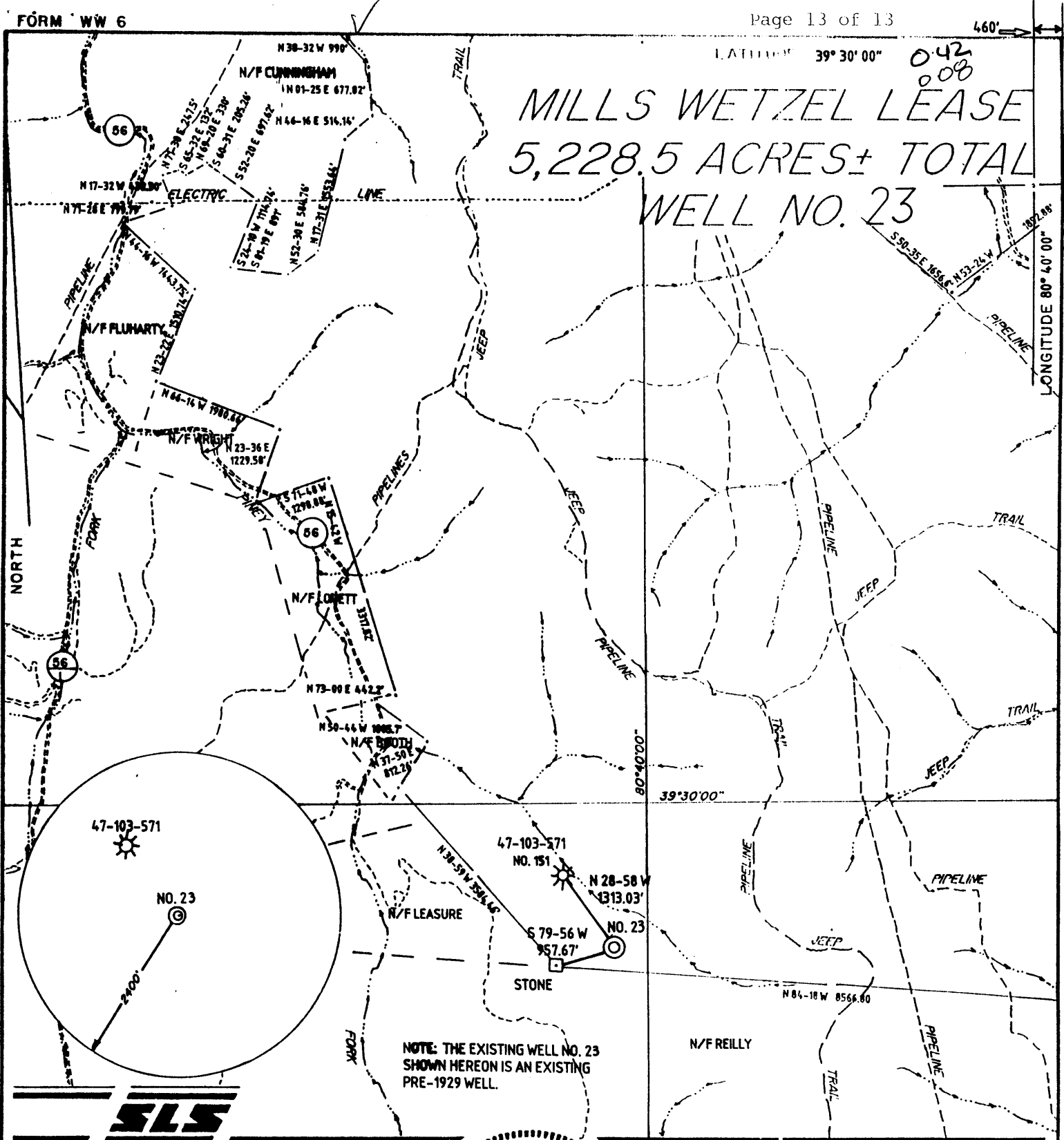
COUNTY NAME WETZEL PERMIT 1551-W

S75

LATITUDE 39° 30' 00"

0.42
0.08

MILLS WETZEL LEASE 5,228.5 ACRES ± TOTAL WELL NO. 23

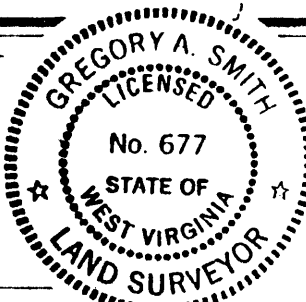


NOTE: THE EXISTING WELL NO. 23 SHOWN HEREON IS AN EXISTING PRE-1929 WELL.



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 AUGUST 19, 19 93

OPERATORS WELL NO. WELL NO. 23

API WELL NO. 47 - 103 - 1551-W
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2865 (43-02)
PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 838' SCALE 1" = 2000'

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 1143' WATERSHED PINEY FORK DISTRICT GREEN COUNTY WETZEL QUADRANGLE CENTER POINT 7.5 70190

SURFACE OWNER LEWIS WETZEL HUNTING GROUNDS ACREAGE 5228.5

ROYALTY OWNER MILLS WETZEL LANDS, Inc. LEASE ACREAGE 5228.5

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 _____

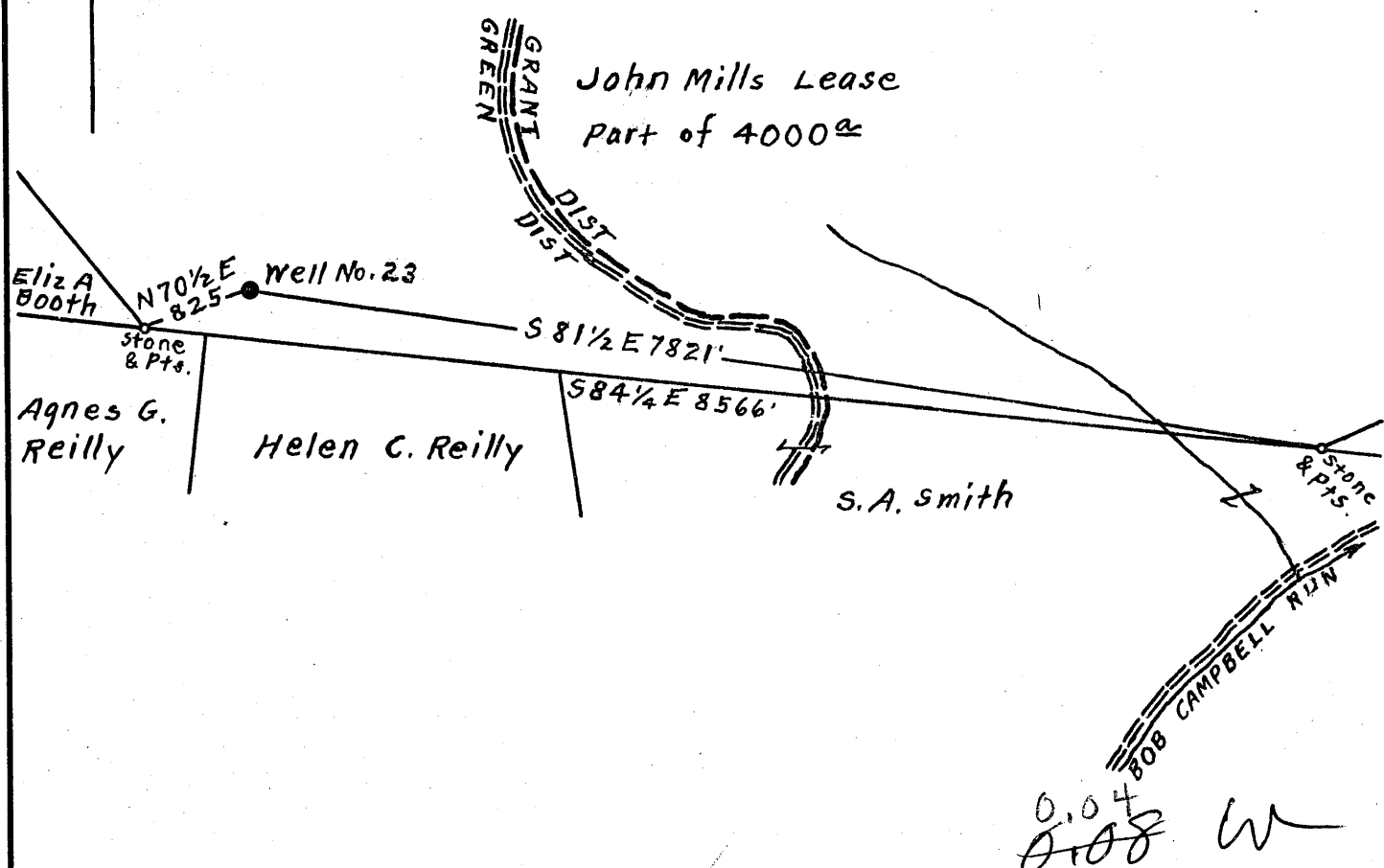
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR QUAKER STATE CORP. 121 DESIGNATED AGENT FRANK ROTUNDA ADDRESS 1226 PUTNAM-HOWE DRIVE BELERE, OHIO 45714 ADDRESS P.O. BOX 823 PARKERSBURG, WV 26102

COUNTY NAME PERMIT

Latitude 9° 30'

Longitude 80° 40'



Surface owned by F.C. Cook. Address: Mr. F.C. Cook, 1208-13. Munsey Bldg. Baltimore 2. Md.
 Coal owned by Benjamin G. Reeder et al. Address: Mr. Benjamin G. Reeder, 170 Chancer Row, Morgantown, W. Va.

New Location...
 Drill Deeper...
 Abandonment... On 800' Map N58, Sqs. N4W3.

OCT 22 1957

Company William Moses
 Address Salem, W. Va.
 Farm John Mills
 Tract Part of Acres 4000 Lease No. _____
 Well (Farm) No. 23 Serial No. _____
 Elevation (Spirit Level) Ground 1167.
 Quadrangle Centerpoint
 County Wetzel District Green
 Engineer Elsworth Haines
 Engineer's Registration No. 2221
 File No. _____ Drawing No. _____
 Date Apr. 20th 1957 Scale 1" = 1320 Feet

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Wet-1069-A

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

31069

Green?

.....District, Wetzel County, W. Va.

By F. H. Jennings & Bros.

Piney Fork field.

10" casing, 460'; 8 1/2", 1400'; 6-5/8", 2215'; 5-3/16", 2382'.

70/90 -> 100
1551
was also

7

	Top.	Bottom.
Pittsburgh Coal		920
Big Injun Sand (oil and water, 2335')		2220
stray Sand (oil and gas, 3020')		3007
Gordon Sand (pay, 3030')		3028 - 3044
Total depth		3050

Comp. 05.20.1898
elev 1167
pnel
102 11/2/1898

Permitting Office of

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

Issued 12/30/93 Expires 12/30/95

18107

- 1) Well Operator: Quaker State Corporation 721 40400 (5) 286
- 2) Operator's Well Number: J. Mills #23 3) Elevation: 1143'
- Well type: (a) Oil X/ or Gas _/
- (b) If Gas: Production _/ Underground Storage _/ Deep _/ Shallow _/
- Proposed Target Formation(s): Gordon 419
- Proposed Total Depth: 3050' feet
- Approximate fresh water strata depths: NA
- 8) Approximate salt water depths: NA
- 9) Approximate coal seam depths: 920
- 10) Does land contain coal seams tributary to active mine? Yes _/ No X/
- 11) Proposed Well Work: Clean out to test production. Plug if unproductive.
- 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	10"			460'	0	
Coal						
Intermediate	8 1/4"			1400'	0	
Production	6 5/8"			2215'	2215'	
Tubing	5 3/16"			2382'	2382'	
Liners						

Explosives from well records. Pre 1929 well. Drilled in 1898

PACKERS : Kind None Sizes _____ Depths set _____

For Division of Oil and Gas Use Only

22157 22

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

2) Operator's well number
J. Mills #23
3) API Well No: 47 - 0103 - 1551-W
State - County - Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name Lewis Wetzel Public Hunting Area
Address Division of Natural Resources
Real Estate Management
- (b) Name State Capital Complex
Address 1900 Kanawha Blvd, East
Charleston, WV 25305
- (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name NA
Address _____
- (b) Coal Owner(s) with Declaration
Name Mills Wetzel Lands, Inc
Address Suite 2600, 222 North LaSalle
Chicago, IL 60601
- (c) Coal Lessee with Declaration
Name NA
Address _____
- 6) Inspector Randal Mick
Address Rt. 3, Box 248
Weston, WV 26452
Telephone (304)- 269-2335

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:

- _____ Personal Service (Affidavit attached)
 _____ Certified Mail (Postmarked postal receipt attached)
 _____ Publication (Notice of Publication attached)

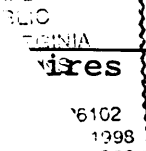
I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

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 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 R. Rotunda *Frank R. Rotunda*
 Its: Designated Agent
 Address P.O. Box 823
Parkersburg, WV 26102
 Telephone 614-423-9543

I swear before me this 28th day of September, 1993



Beverly G. Burns Notary Public