

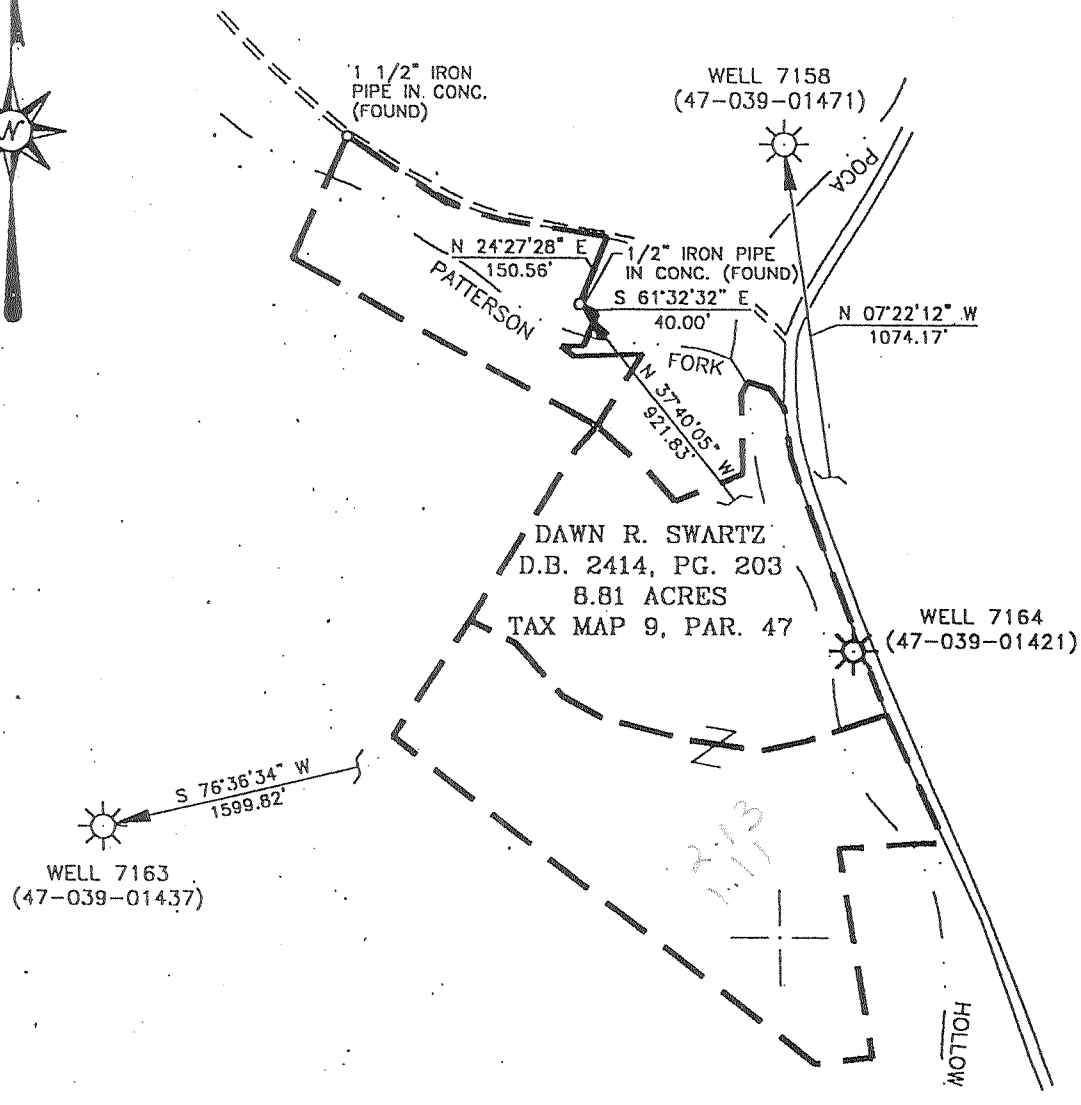
Sub ✓

5,895'

LATITUDE 38° 32' 30"

LONGITUDE 81° 27' 30"

STATE PLANE NAD 27 (SOUTH ZONE)



DAWN R. SWARTZ
D.B. 2414, PG. 203
8.81 ACRES
TAX MAP 9, PAR. 47

LEGEND

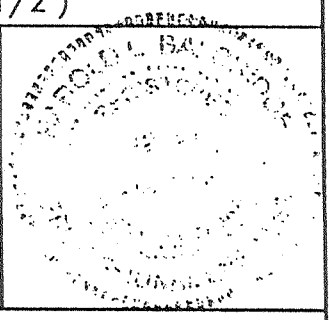
- EXISTING WELL
- IRON PIPE FOUND

NOTE: THIS MAP IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE PROPERTY SURVEY.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2')

FILE NO. _____
DRAWING NO. 7164
SCALE 1" = 400
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION G.P.S.

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) [Signature]
R.P.E. 12794 L.L.S. 1605



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL & GAS



DATE: APRIL 24 2001
OPERATOR'S WELL NO. 7164
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL STATE 47 COUNTY 039 PERMIT 01421F
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 664.02 WATER SHED PATTERSON FORK & POCA FORK OF LITTLE BIG FORK
DISTRICT ELK COUNTY KANAWHA

QUADRANGLE KETTLE W. VA. COORDINATES LAT: 38° 30' 38.8" LONG: 81° 28' 44.2"

SURFACE OWNER DAWN R. SWARTZ ACREAGE 8.81

ORIGINAL OIL & GAS ROYALTY OWNER J. O. DONOHUE, ET. AL. LEASE ACREAGE 59

COAL OWNER J. O. DONOHUE LEASE NO. 44924

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) STORAGE RECONDITION

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT PAUL AMICK

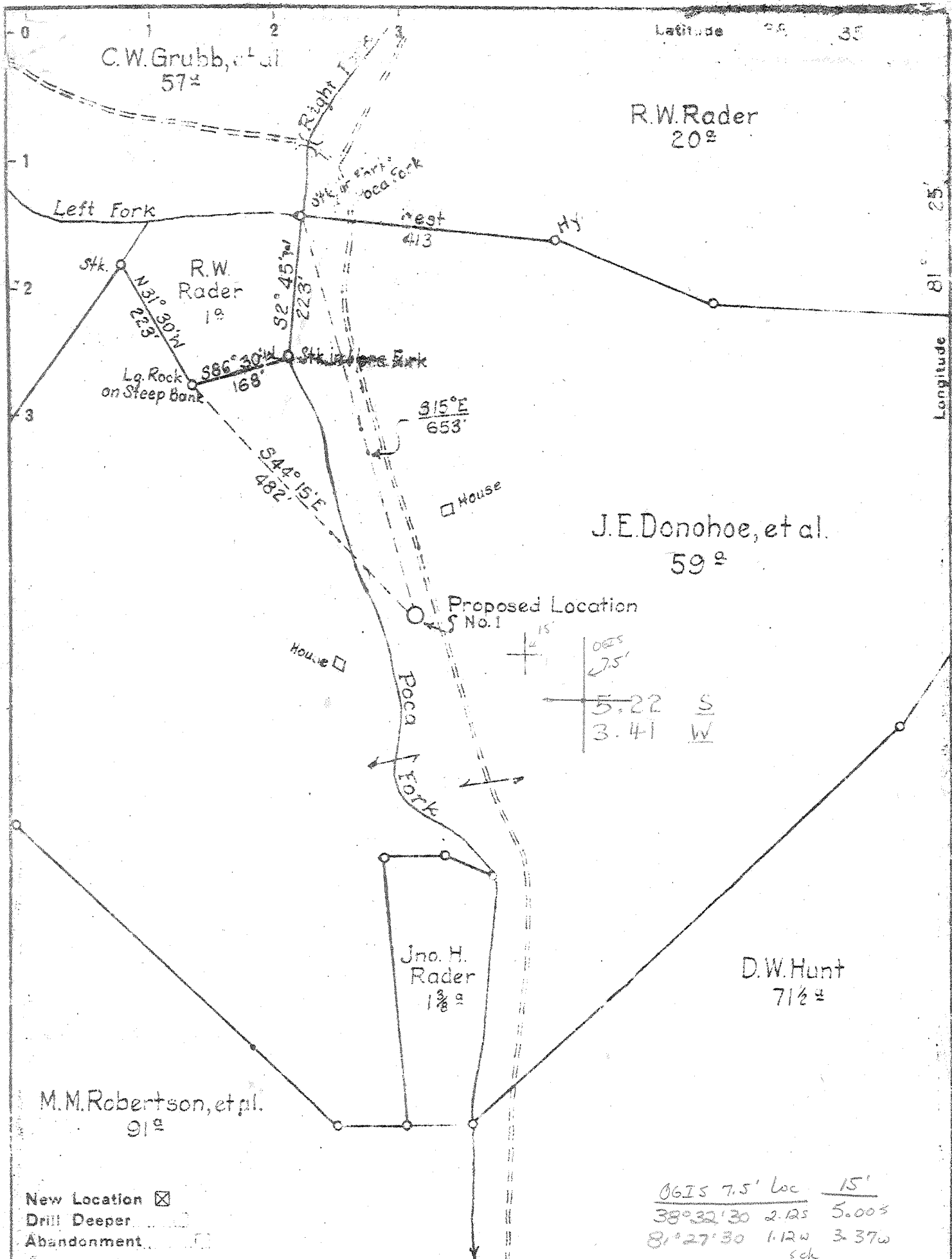
ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273

COUNTY NAME PERMIT

KANAWHA

01421 F

JUN - 1 2001



Company GLENN DEARTH

Address Charleston, W. Va.

Farm J.E. Donohue, et al.

Tract Acres 59 Lease No. 44924

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 661.94

Quadrangle Walton SW Kettle 75

County Kanawha District Elk

Engineer Paul E. Joachim

Engineer's Registration No. 669

File No. 70-69 Drawing No. _____

Date Feb. 15, 1948 Scale 1" = 200'

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

WELL LOCATION MAP
FILE NO. KAN-1421

+ Denotes location of well on United States Topographic Maps, scale 1 to 52,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing

NEEDING 11 6-6 Elk Poca (Sissonville) (192)

Robert W. Rutta

KANS-1421

X-54-7164
 F-21989
 Glenn Dearth, et al
 J. L. & J. E. Donahue #1
 Elk District, Kanawha County, W. Va.
 Map Square 70-69
 Commenced
 Completed 7-3-68
 Elevation 664'

Size	Weight	Point
13-3/4"	4.24	30'
10-3/4"	32.754	230'
8"	212 1/2 214	1467'
7"	23 1/2 224	4911'

Surface	0	30
Red Hook	30	60
Sand	60	100
Red Hook	100	118
Slate	118	165
Lime	165	190
Sand	190	210
Slate	210	216
Sand	216	230
Slate	230	245
Sand	245	335
Slate	335	400
Sand	400	420
Slate	42	503
Sand	503	535
Slate	535	555
Sand	555	568
Slate & Shells	568	740
Lime	740	800
Slate & Shells	800	825
Sand	825	845
Slate	845	860
Lime	860	875
Slate	875	885
Sand	885	1058
Slate	1058	1062
Salt Sand	1062	1347
Limon	1347	1347
Little Lime	1334	1411
Slate	1411	1417
Little Lime	1417	1565
Limon	1565	1620
Slate & Shells	1610	1885
Berea Shells <u>Wet</u>	1885	1925
Slate & Shells	1925	3700
Br. Shells	3700	3903
White S	3903	4100
Br. Shale	4100	4712
White Slate	4712	4750
Black Shale	4750	4833
Corniferous	4833	5008
Oriskany	5008	5028
TOTAL DEPTH	5028'	

Show gas 1918'

Gas 5013-5027, 50/10 Merc. 7" 22"
 11,255 M

Hot Shot

FINAL COR. POINT - 11,255 M - Oriskany
 LB H. R. P. 11956

X-54-7164
 6-27-69

DEEP WELL