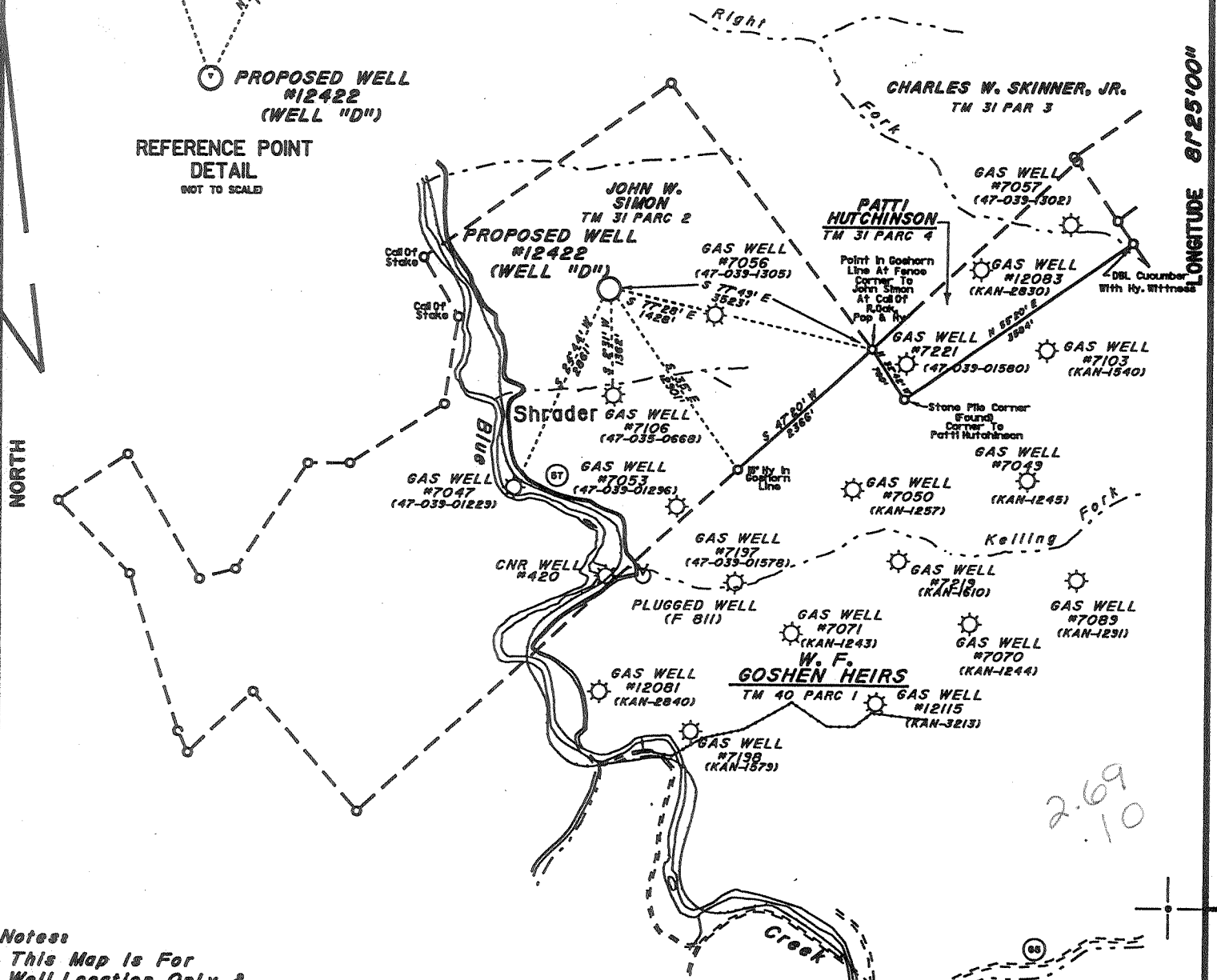


LATITUDE 38°27'30"

Nail in Root Of A 22" Elm At Base Of Steep Point

Nail in Root Of A 12" Red Oak At Base Of A Steep Point

REFERENCE POINT DETAIL NOT TO SCALE



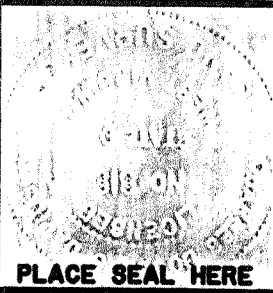
Notes:  
 This Map is For Well Location Only & Does Not Represent A Complete Property Survey.  
 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2")

LOCATION DETERMINED BY DIFFERENTIAL GPS

REVISED: OCTOBER 18, 1999

FILE NO. \_\_\_\_\_  
 DRAWING NO. 12422  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1/200'  
 PROVEN SOURCE OF ELEVATION STANDARD DISK STAMPED V-7 ELEV. 614.6' SE WINGWALL OF CONC. ABUTEMENT OF RR BRIDGE ACROSS MOUTH OF BLUE CREEK

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) Charles Douglas Davidson  
 R.P.E. \_\_\_\_\_ L.L.S. 819



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

DATE FEBRUARY 18, 19 99  
 OPERATOR'S WELL NO. 12422  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS," ) PRODUCTION \_\_\_\_\_ STORAGE X DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_

LOCATION: ELEVATION 1148' WATER SHED Blue Creek  
 DISTRICT Eik COUNTY Kanawha  
 QUADRANGLE Blue Creek COORDINATES LAT: 38°25'09" LONG: 81°25'06"

SURFACE OWNER John W. Simon ACREAGE 64  
 OIL & GAS ROYALTY OWNER John W. Simon LEASE ACREAGE 914  
 COAL OWNER John W. Simon LEASE NO. 100881

PROPOSED WORK: DRILL X 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 Oriskany ESTIMATED DEPTH 5300'  
 WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT RICHARD L COTY  
 ADDRESS PO Box 1273, Charleston, WV 25325-1273 ADDRESS PO Box 1273, Charleston, WV 25325-1273

KANAWHA COUNTY NAME PERMIT 5327

DEEP well

9-0 217

REV. 2-7-1999

WR-35  
Office of Oil & Gas  
Permitting

FEB 25 2000

VIV DIVISION OF  
Environmental Protection  
Farm name: SIMON, JOHN W

14-Apr-99  
API # 47- 39-' 5327

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work

Operator Well No.: COCO "A"12422

LOCATION: Elevation: 1,148.00 Quadrangle: BLUE CREEK

District: ELK County: KANAWHA  
Latitude: 14200 Feet South of 38 Deg. 27Min. 30 Sec.  
Longitude 475 Feet West of 81 Deg. 25 Min. 0 Sec.

Company: COLUMBIA GAS TRANSMISSION  
P. O. BOX 1273  
CHARLESTON, WV 25325-1273

Agent: RICHARD L. COTY

Inspector: CARLOS HIVELEY  
Permit Issued: 04/16/99  
Well work Commenced: 10/17/99  
Well work Completed: 11/11/99  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5549'  
Fresh water depths (ft) 370'

Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? No  
Coal Depths (ft): N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	274'	274'	140 sx Neat to Surface
8-5/8"	2450'	2450'	320sx Mid App, 100 sx Neat to Surface
5-1/2"	5413'	5413'	160sx Neat
2-3/8"	5443'	5443'	

OPEN FLOW DATA \* Gas Storage - open flows and pressures fluctuate seasonally.

Producing formation Oriskany Sandstone Pay zone depth (ft) 5459'-5504'  
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

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: COLUMBIA GAS TRANSMISSION CORP.  
By: John V. McCallister  
Date: 02/03/00

KAN 5327

MAR 3 2000

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	<u>Comments</u>
Salt Sand	1045'	1566'	
Big Lime	1768'	1921'	
Weir	1964'	2171'	Show of oil @ 2180'
Sunbury	2326'	2344'	
Onondaga	5335'	5459'	
Oriskany	5459'	5504'	
Helderburg	5504'	Not Penetrated	

11/04/99 Fractured Oriskany Sandstone w/ N2 Assist Deltafrac using 452 bbls of water, 162 Mscf N2, 30,000 lbs of 20/40 sand. Avg treating pressure 3375 psig @ 17 bpm.