

Kan 2333

**CERTIFICATE**

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."  
 Minimum degree of accuracy is one part in 200

Signed Fred A. Radford

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

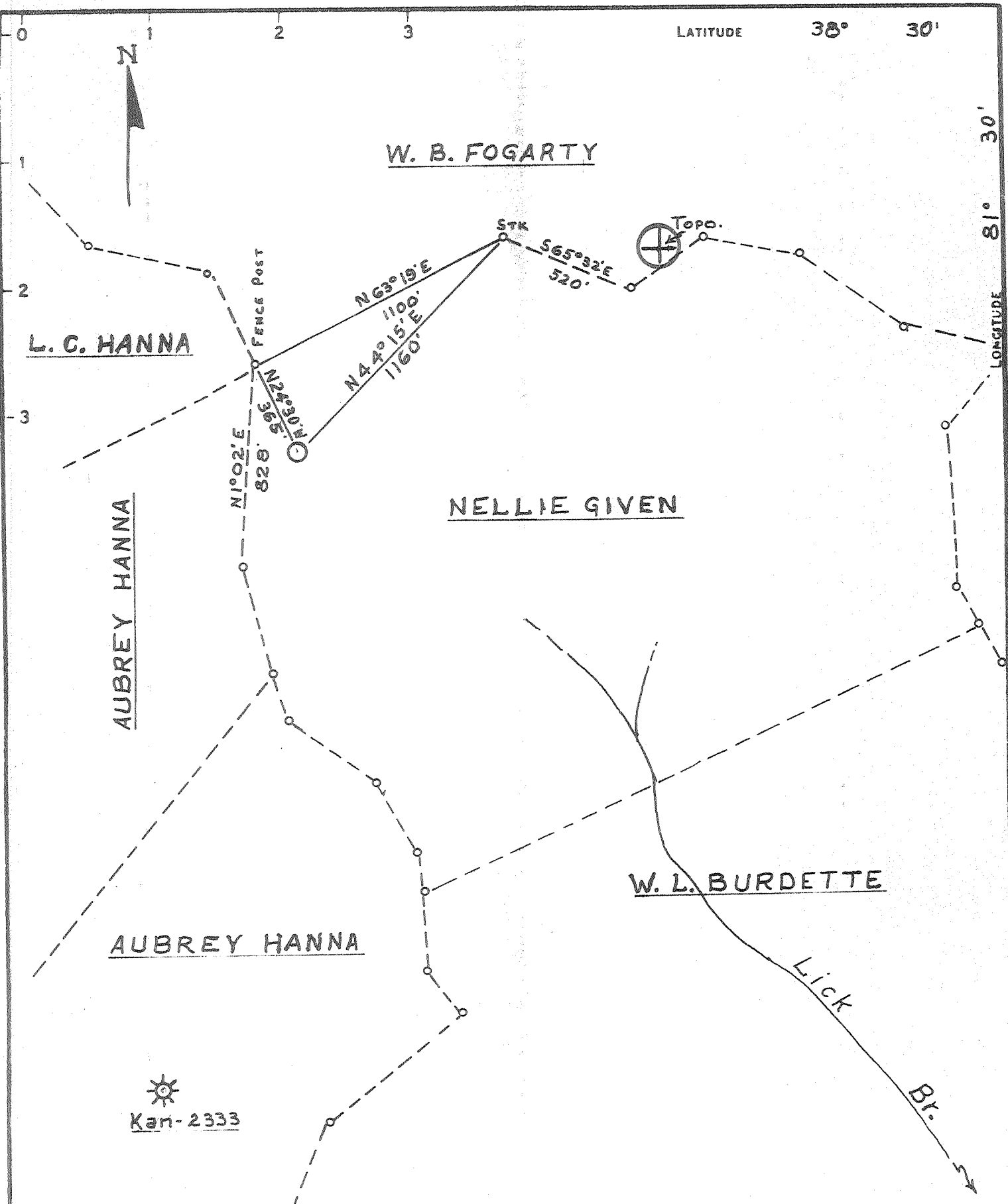
COMPANY	<u>RADFORD &amp; FRAME</u>		
ADDRESS	<u>ELKVIEW, W. VA.</u>		
FARM	<u>NELLIE GIVEN</u>		
MAP	ACRES <u>124</u>	LEASE NO.	
WELL (FARM) NO.	<u>1</u>	SERIAL NO.	
ELEVATION (DEPTH) (FEET)	<u>1185'</u>		
QUADRANGLE	<u>CHARLESTON</u>	DISTRICT	<u>NE</u>
COUNTY	<u>KANAWHA</u>	DISTRICT	<u>ELK</u>
POINT OF PROVEN ELEVATION	<u>USGS B.M. Approx. 2900'</u>		
	<u>SSW of Loc. - Elev. B.M. - 1045'</u>		
FILE NO.	DRAWING NO.		
DATE <u>Nov. 1969</u>	SCALE <u>1"=500'</u>		

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. KAN-2450

+ 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

6-6 Cooper Creek 331

Deep Well (Newburg) JAN 02 1970



Kan-2333

7.5 min OGIS loc 1.75s  
 38° 30' 1.75s  
 81° 32' 30 .34w  
 1.5 mi 1.75s  
 2.60w  
 sch

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Minimum degree of accuracy is one part in 200

Signed *Fred C. Grafton*

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY **RADFORD FRAMER & S. Gas & Oil, Inc.** STATE OF WEST VIRGINIA  
 ADDRESS **ELKVIEW, W. VA. 2455 Church St.**  
 FARM **NELLIE GIVEN Ripley - 25271**  
 MAP \_\_\_\_\_ ACRES **124** LEASE NO \_\_\_\_\_  
 WELL (FARM) NO. **1** SERIAL NO \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) **1185'**  
 QUADRANGLE **CHARLESTON NE**  
 COUNTY **KANAWHA** DISTRICT **ELK**  
 POINT OF PROVEN ELEVATION **USGS BM Approx. 2900'**  
**SSW of Loc. - Elev. BM - 1045'**  
 FILE NO \_\_\_\_\_ DRAWING NO \_\_\_\_\_  
 DATE **Nov. 1969** SCALE **1"=500'**

DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO **KAN-2450-P**  
**AUG 26 1974**  
 + 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 **#7-039**  
 DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING  
**DEEP Well**



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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Charleston  
Permit No. KAN-2450

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company <u>Radford and Frame</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Box 6, Winfield, W. Va. 25213</u>	Size			
Farm <u>Nellie Given</u> Acres <u>124</u>	16			Kind of Packer
Location (waters) <u>Little Sandy</u>	13-3/8	85	85	Size of
Well No. <u>1</u> Elev. <u>1,165'</u>	10			Depth set
District <u>Elk</u> County <u>Kanawha</u>	8 5/8	2102	2102	Perf. top
The surface of tract is owned in fee by <u>Baxter</u>	6 5/8			Perf. bottom
Address <u>St. Albans, W. Va.</u>	5 3/4	6040	6040	Perf. top
Mineral rights are owned by <u>Nellie Given et al</u>	4 1/2			Perf. bottom
Address <u>Pinch, W. Va.</u>	3			
Drilling commenced <u>December 30, 1969</u>	2-3/8		6065	
Drilling completed <u>January 19, 1970</u>	Liners Used			
Date Shot From To				

Attach copy of cementing record.

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) \_\_\_\_\_

WELL FRACTURED (DETAILS) 1,000 bbls. water and 30,000 lbs. sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 48,000 Mcf

ROCK PRESSURE AFTER TREATMENT 2162.7 HOURS 12

Fresh Water \_\_\_\_\_ Feet Salt Water 1,465' Feet

Producing Sand: Newberg Depth 6,077

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
oil			0	20			
and			20	52			
shale			52	85			
sandy shale			85	235			
shale			235	620			
sandy shale			620	1085			
and			1085	1160			
shale			1160	1205			
and salt			1205	1640	S. Water	1465	
shale & Lime			1640	1710			
and			1710	1820			
lime			1820	1980-160			
and			1980	2020-40			
shale & Sand			2020	2110			
shale			2110	2463			
and			2463	2475			
shale			2475	5188			
limestone			5188	5295			
and			5295	5365			
limestone			5365	6077			
and (Newberg)			6077	6095	Gas	6077'	

RECEIVED  
OCT 30 1970