



New Location   
 Drill Deeper   
 Abandonment

"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."

Company Frances Friestad  
 Address 1104 Campas Hill Road, Rockford, Ill.  
 Farm Guy Whitehair  
 Tract 1 Acres 50 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 920  
 Quadrangle Holbrook - NC  
 County Doddridge District Southwest  
 Engineer Parker E. Peters  
 Engineer's Registration No. 485  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date June 29, 1966 Scale 1" = 25 P.

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

WELL LOCATION MAP  
 FILE NO. DOD-1392

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Holbrook sw  
Permit No. DOD - 1392

WELL RECORD

Oil or Gas Well GAS  
(KIND)

Company FRANCIS M. FRIESTAD  
Address 1104 CAMPUS HILLS BLVD. ROCKFORD, ILL.  
Farm Guy Whitehair Acres 50  
Location (waters) Bear Run  
Well No. One (1) Elev. 920'  
District Southwest County Doddridge  
The surface of tract is owned in fee by Guy Whitehair  
Address Oxford, W.Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced 7-22-66  
Drilling completed 8-18-66  
Date Shot none From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume show Cu. Ft. \_\_\_\_\_  
Rock Pressure unknown lbs. \_\_\_\_\_ hrs.  
Oil show bbls., 1st 24 hrs. \_\_\_\_\_  
WELL ACIDIZED (DETAILS) no

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	19'	19'	
13			
10	219'		Size of
8 3/4	1029'		
6 3/4			Depth set
5 3/16			
4 1/2	2023'	2023'	
3			Perf. top <u>1966</u>
2			Perf. bottom <u>1968</u>
Liners Used			Perf. top _____
			Perf. bottom _____

Attach copy of cementing record.  
CASING CEMENTED 4 1/2" SIZE 225 No. FL. 8/18/66 Date  
Amount of cement used (bags) 50 2% CaCl<sub>2</sub>  
Name of Service Co. Dowell (1-12-0200)  
COAL WAS ENCOUNTERED AT none FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED (DETAILS) 31,500 wtr., 150 sks. 20-40, 70 sks. 10-20, 250 reg. M.acid., 1520 hhp (27 bpm at 2300 psi)  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 2,000 mcf/d - show oil  
ROCK PRESSURE AFTER TREATMENT 635 HOURS 12 hrs.  
Fresh Water 65 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
top soil			0	2			
clay	yellow		2-	15			
slate			15	25			
sand			25	65			
red rock			65	80			
lime			80	90			
sand			90	110			
red rock			110	129			
lime			129	139			
red rock			139	150			
sand			150	170			
lime	red		170	175			
shale			175	190			
red rock			190	216			
slate & shells			216	240			
red rock			240	250			
slate & shells			250	292			
red rock			292	360			
slate & shells			360	375			
red rock			375	380			
sand			380	403			
slate & shells			403	420			
red rock			420	440			
slate & shells			440	450			
lime			450	500			
slate & shells			500	520	O-V-E-R		

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
shale, lime			520	5 47			
slate	gray		547	550			
red rock			550	560			
slate & shells			560	615			
red rock			615	645			
lime			645	655			
red rock			655	725			
sand			725	760			
slate & shale			760	890			
lime grit			890	902			
sand			902	924			
slate & lime			924	1017			
sand			1017	1042			
slate & shells			1042	1059			
sand			1059	1077			
slate	gray		1077	1158			
sand			1158	1228			
slate	gray		1228	1255			
sand			1255	1285			
slate	black		1285	1287			
sand			1287	1313			
slate & shells			1313	1405			
sand			1405	1445			
slate			1445	1460			
lime			1460	1480			
sand			1480	1500			
lime			1500	1535			
slate	black		1535	1550			
sand			1550	1602	gas	1575'	
slate & shells			1602	1642			
lime			1642	1729			
slate			1729	1750			
sand		Hard	1750	1777			
lime (Little)			1777	1805			Little Lm.
slate			1805	1815			
lime (Big)			1815	1882	oil	1822-32	Big Lm.
sand (Big Injun)			1882	1955	oil	1911-17	Injun
shale			1955	2060			
TD			2060				

Date 8-24-66, 19

APPROVED Francis M. Friestad, Owner

By *John W. O'Shea* (Title) Consultant