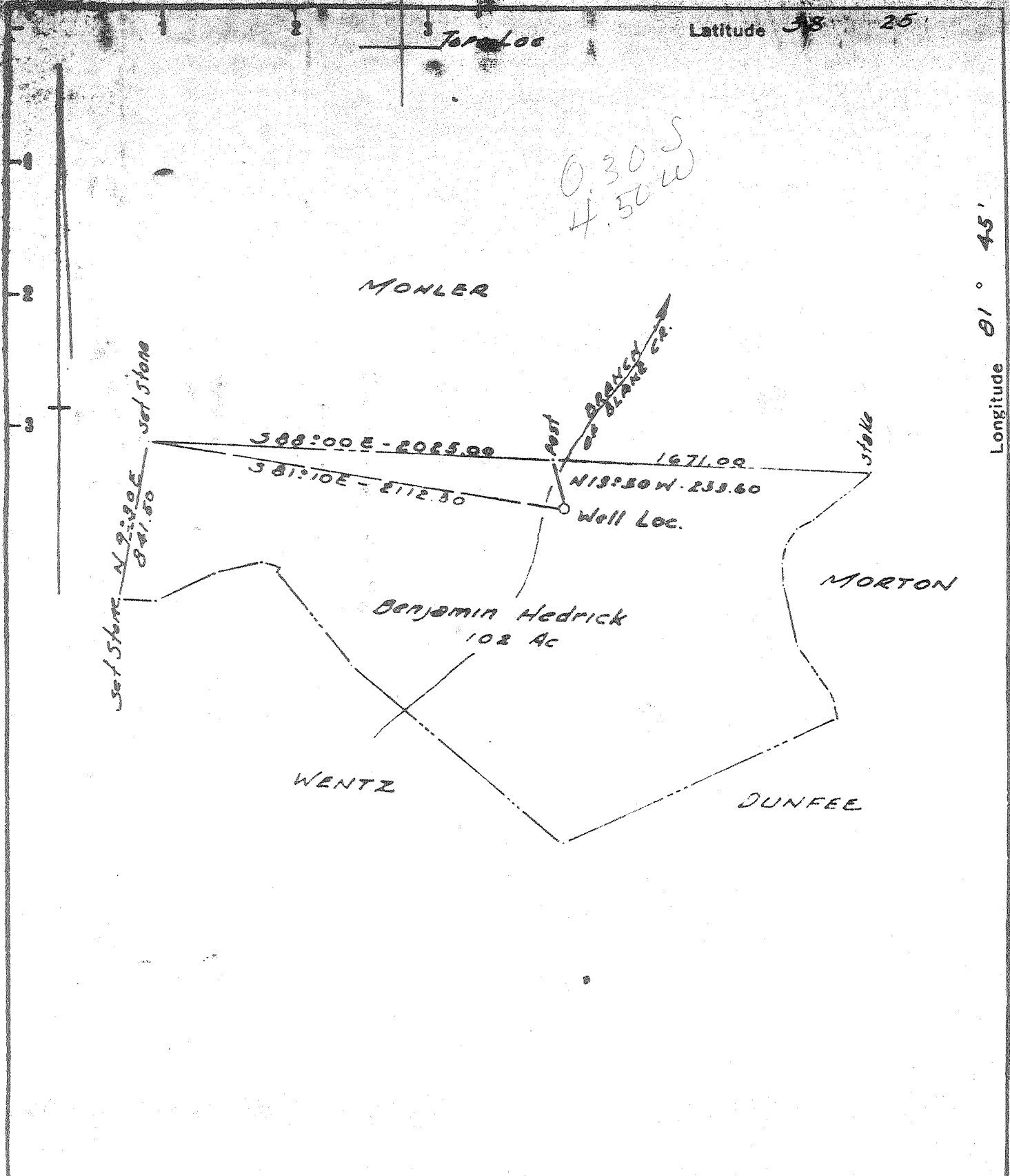


Latitude 38 25

Toro Loc

0.30 S  
4.50 W

Longitude 91° 45'



Fracture   
 Before 6:5 27   
 New Location   
 Drill Deeper   
 Redrill   
 Abandonment   
 1992ES-214-65

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia. *ACCURACY 1 to 200*  
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations. *PROVEN ELEVATION U.S.G.S. 641.0 NITRO, W.Va.*

Company FRANCIS M. FRIESTAD  
 Address 1816 LEXINGTON WAY - ROCKFORD, ILL.  
 Farm BENJAMIN HEDRICK, HES.  
 Tract \_\_\_\_\_ Acres 102 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 673.0  
 Quadrangle ST. ALBANS EC  
 County KANAWHA District UNION  
 Engineer N. S. Sefton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 5-5-67 Scale 1" = 660'

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

WELL LOCATION MAP  
 FILE NO. KAN-2183-PP

+ 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



*Posted*

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary  990' to T  
Spudder  to 990'  
Cable Tools   
Storage   
Oil or Gas Well dry  
(KIND)

Quadrangle St. Albans

Permit No. Kan 2183

WELL RECORD

Company <u>Francis M. Friestad</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1016 Lexington Way, Rockford, Ill.</u>	Size			
Farm <u>Benjamin Hedrick, Hrs. Acres.</u>	16			Kind of Packer
Location (waters)	13			
Well No. <u>/</u> Elev. <u>686 KB</u>	10 <u>Cem</u>	<u>305'</u>	<u>305'</u>	Size of
District <u>Union</u> County <u>Kanawha</u>	8 1/4			Depth set
The surface of tract is owned in fee by	<u>6 3/8 / 7" Cem</u>	<u>1765'</u>	<u>1765'</u>	
Mineral rights are owned by <u>Benjamin Hedrick Hrs.</u> Address <u>6601 McCorkle Ave. St. Albans, W. Va.</u>	5 3/16			Perf. top
Drilling commenced <u>12-2-67</u>	3			Perf. bottom
Drilling completed <u>1-24-68</u>	2			Perf. top
Date Shot From To	Liners Used			Perf. bottom
With				

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

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

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

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

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

WELL FRACTURED (DETAILS) \_\_\_\_\_

RESULT AFTER TREATMENT (Initial open Flow or bbls) \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Attach copy of cementing record.

CASING CEMENTED 7" 10" SIZE 1000' No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

Amount of cement used (bags) (7" 150 bags) 10" bags

Name of Service Co. Dowell

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	20			
Slate			20	30			
Sand			30	52			
Slate			52	114			
Red Rock			114	123			
Slate			123	201			
Sand			201	215			
Slate			215	330			
Sand			330	355			
Slate			355	540	F. Water	440-47	3 1/2 B.P.H.
Sand			540	580			
Slate			580	600			
Sand			600	690			
Slate			690	990			
Move in Rotary							
Slate			990	1002			
Sand			1002	1034			
Shale			1034	1058			
Sand			1058	1380	Water	1345-50	H.F.
L. Lime			1380	1428			

Formation	Color	Hard or Soft	Top $\zeta$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			1428	1445	17		
R. Lime			1445	1649	204		
Sand			1649	1668	19		
Shale			1668	1721	53		
Sdy. Shale			1721	1734	15		
Shale			1734	1830	96	511	
Sand			1830	1868	38		
Shale			1868	2142	274		
Berea			2142	2164	22		
Shale			2164	2405			
Sand & Shale			2405	4410			
Corniferous			4410	4518			
Oriskany			4518	4538			
Lime			4538	5178	H <sub>2</sub> S	4814	Tondowug on Wa. Creek
Newburg			5178	5185			
Lime - McKenzie			5185	5209			
			Total Depth	5209			
Log Tops							
Berea		2144-2160	16				
Corn.		4408				5178	
Cris.		4504-4516				686	
Newburg S.		5179-5184				449	

2183-PP

Date January 26, 1908

APPROVED Francis H. Hiestad Owner