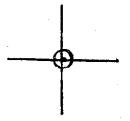


LATITUDE 39° 40' 00"

LONGITUDE 80° 35' 00"



7'5 OGIS topo location

7.5' LOC	<u>2.85 S</u>	15' LOC	_____
	<u>0.33 W</u>	(calc.)	_____

Company _____

Farm _____

Quad LITTLETON 7 1/2'

County WETZEL

District CENTER

WELL LOCATION MAP

File No. 103 - 0675

(040)

Hope Natural Gas Co.

LOCATION FOR WELL No. 683

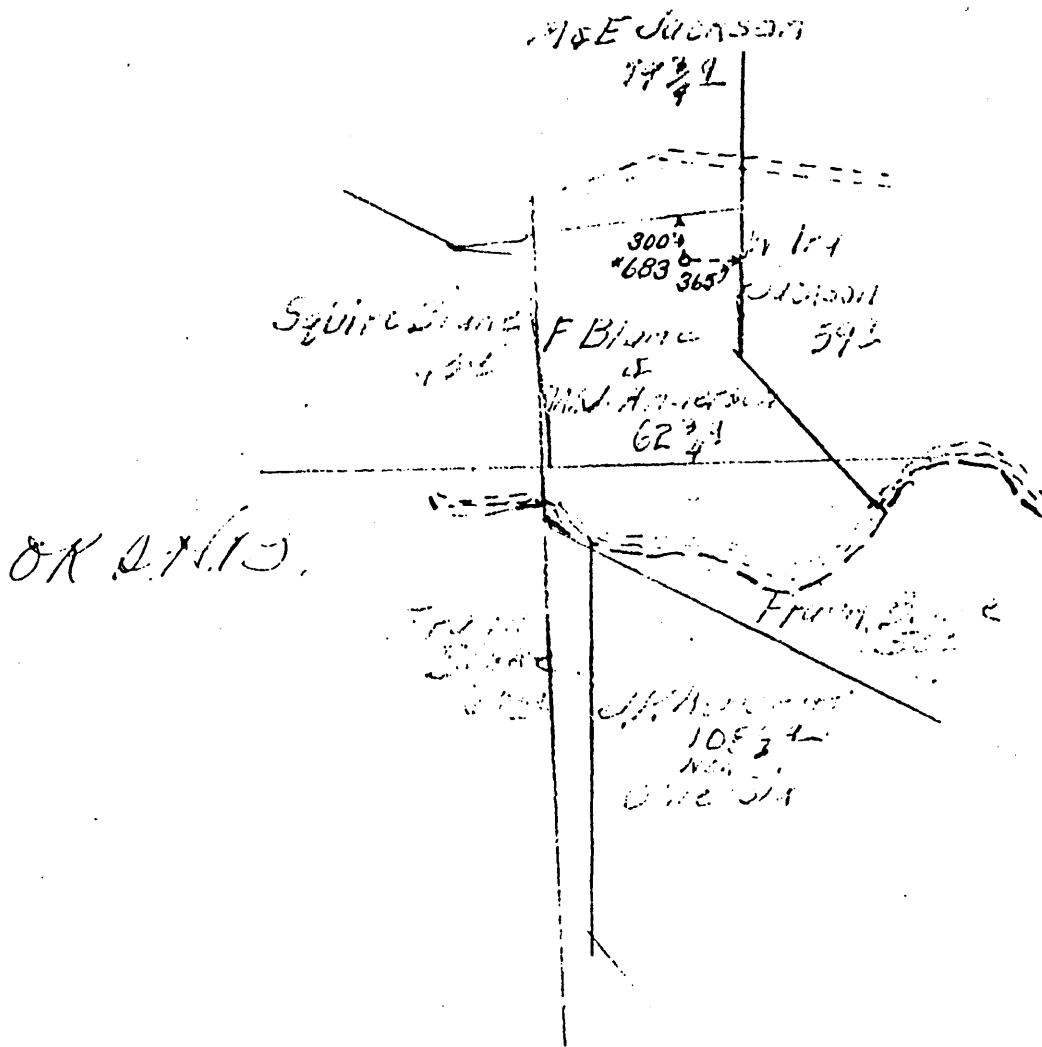
LITTLETON DISTRICT

On W. L. BROOKOVER Farm, on waters of Center District, HARRIS County, West Virginia

Lease No. 269 Acres 64 N. S. E. W.

Scale, one inch equals 40 Acres Sent to 1

Location to be



OK 2/1/15

API 103-0675

RESERVE

SPECIAL INSTRUCTIONS

Location made MEAS 5-12 14 by O. C. STRAIGHT As per plat, except as noted. On field map

Returned to Pittsburgh

Location changed on account of

Authorized by Date Signed

Wed-675

No 683 *copy* *MB*
WELL RECORD.

W.R. Brookover Farm..... Acres
Center District *Wetzel* County *WVa* State

Well No. *1* **M178**

Rig Commenced..... 190 }
 Rig Completed..... 190 } *So Penn Oil Co.* Contractor.
 Drilling Commenced *Aug. 8* 190*H* }
 Drilling Completed *Nov 21* 190*H* } *J.B. Samuel* Contractor.

ROCK FORMATION.	TOP.	BOTTOM.	REMARKS.
Conductor		10	
Native Coal	535		
Bgh. "	1008	1015	Steel Line
Dunkard Sand	1510	1560	
Salt	1750	2050	
Pencil Carb.	2160	2170	
Big Lime	2170	2230	
" Inyan	2230	2450	
Stray Gas	3028	3068	" "
Gordon.	3048		
	3073	3077	
Total Depth:		3124	" "

CASING RECORD.

Size.	Charged to Well.		Put in Well.		Pulled Out.		Left in Well.		Transferred Before Completion.		Left at Well, Not in Use.	
	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.
10			560		560							
8 1/4			1500		1010		581					
6 5/8			2000				2000					
5 1/2			2450				2450					

Production } *Gas* Bbls.
 First 24 Hours }

Approved by

J.W. Winger..... Sup't.

PROOF.—Sum of Three right hand columns equals First or "Charged to Well."
 Use as many sheets as necessary to make a complete record.

API #
103-6675

well-675