

LATITUDE 39° 20' 00"



80° 42' 30" LONGITUDE

7'5 OGIS topo location

7.5' loc	<u>0.40 S</u>	15' loc	<u>0.40 S</u>
	<u>0.32 W</u>	(calc.)	<u>2.55 W</u>

Company _____

Farm _____

Centerpoint SW

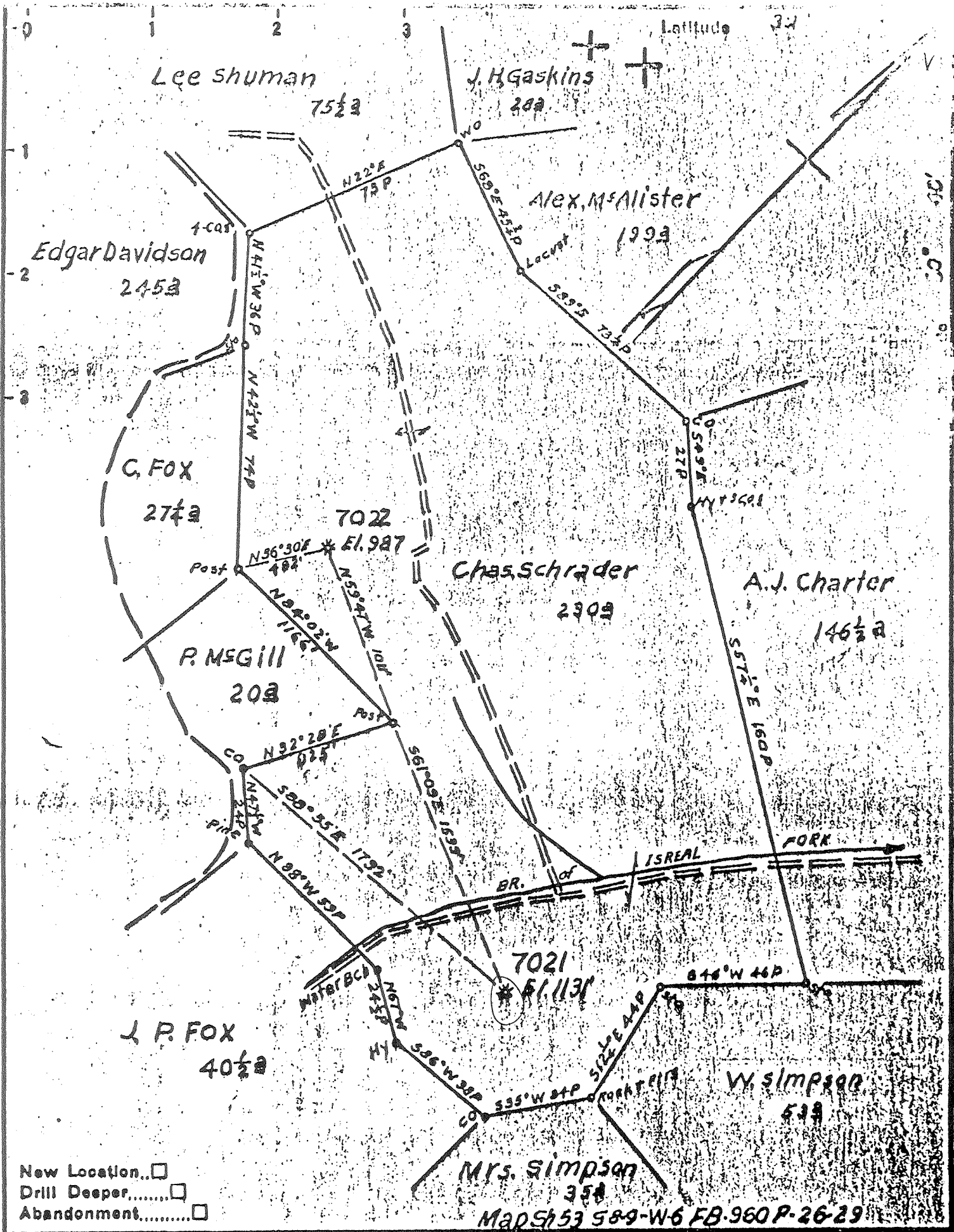
Quad SMITHBURG 7 1/2'

County DODDRIDGE

District GRANT

WELL LOCATION MAP

File No. 017-1977



- New Location...
- Drill Deeper.....
- Abandonment.....

Map Sh 53 589-W-6 FB-960 P-26-29

Company	<u>Hope Natural Gas Co</u>
Address	<u>Clarksburg, W. Va.</u>
Farm	<u>Chas. Schrader</u>
Tract	Acres <u>230</u> Lease No. <u>41970</u>
Well (Farm) No.	Serial No. <u>As Shown</u>
Elevation (Spirit Level)	<u>As Shown</u>
Quadrangle	<u>Centerpoint</u>
County	<u>Doddridge</u> District <u>Grant</u>
Engineer	<u>W. M. Bowers</u>
Engineer's Registration No.	<u>900</u>
File No.	Drawing No.
Date	Scale <u>1" = 40 P</u>

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

WELL LOCATION MAP
 FILE NO. 017-1977

+ 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.

Well No. (2) 7002 Lease No. 42970 Name C. J. J. J. J. District Shirley State W. Va.

Location Made..... First Work Done.....
 Rig Commenced..... Rig Completed.....
 Drilling Commenced 8/25/09..... Drilling Completed 11/8/09.....
 Rig Contractor..... { Drilling Contractor } Cummings & McGraw
 Drillers..... { M. N. S. Co. Tools, String No. }
 Tool Dressers.....

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal								
Pittsburgh Coal		600	604					
Little Dunkard		840	923					
Big Dunkard		923	930					
Gas Sand		1000	1095					
First Salt		1510	1565					
Second Salt		1570	1640					
Third Salt		1660	1500		1500			
Maxon		1665	1675			1655	1650	
Little Lime								
Pencil Cave		1950	1943					
Big Lime		1945	2020					
Keener								
Big Injun		2020	2095				2045	
Squaw		2520	2400					
Weir								
Ikrea		2450	2452					
Gantz								
Fifty Foot								
Thirty Foot								
Gordon Stray		2702	2710					
Gordon		2719	2727				2725	
Fourth								
Fifth								Initial Oil Production Gas.
Total Depth		2743						Initial Rock Production 600 lbs.

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Steel Line Measurement		If more than two strings of casing are left in hole, give reasons for leaving and label strings
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Csg.															
10" "			510												
8 1/2" "			1190												
6 3/8" "			1954												
5 1/2" "															
2 1/2" Tbg.			2738												

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quartz	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....
 Top Pittsburgh Coal..... Top Cementing..... Amount Cement Used.....
 Bottom Pittsburgh Coal..... Bottom Cementing..... Amount Sand Used.....
 Mr..... of..... Coal Company on ground when coal was cemented
 Remarks:..... Signature of persons who cemented well

Approved..... 017-1977