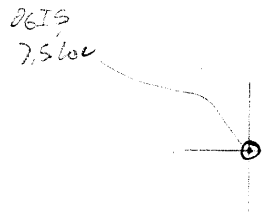


LATITUDE 39° 52' 30"

70° 35' 00"

LONGITUDE



T'5 OGIS topo location

7.5' loc	<u>2.845</u>	15' loc	<u>5.72 =</u>
	<u>0.82W</u>	(calc.)	<u>0.82W</u>

Company F. J. Watson

Farm Jos. Loudenslager Heirs

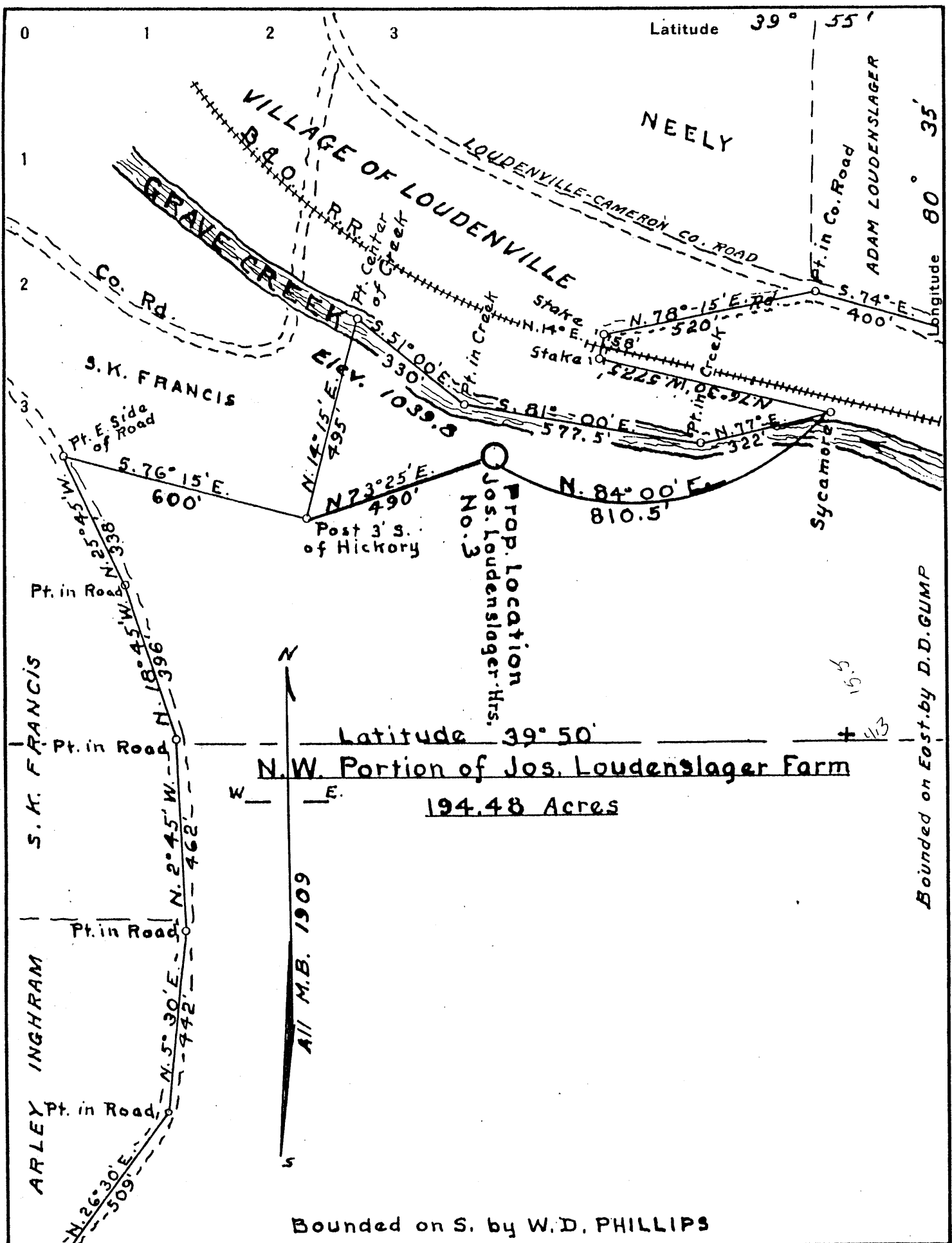
Quad Cameron <sup>25'</sup> Cameron EC

County Marshall

District Cameron

WELL LOCATION MAP

File No. 051 - 69



Company E.J. WATSON  
 Address CAMERON, W.VA.  
 Farm JOS. LOUDENSLAGER HEIRS  
 Tract 1 Acres 194.48 Lease No. \_\_\_\_\_  
 Well (Farm) No. 3 Serial No. \_\_\_\_\_  
 Quadrangle CAMERON  
 County MARSHALL  
 District CAMERON  
 Engineer Gordon W. Sammons  
 Engineer's Registration No. 509  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Sept. 25, 1936 Scale 1 Inch = 300 Ft.

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

**WELL LOCATION MAP**  
 FILE NO. MARS-69

+ 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.

LOUDENSLAGER HEIRS NO. 3 WELL.

689  
 Cameron District, Marshall County, W. Va.  
 By L. J. Watson, Cameron, W. Va.  
 On 200 acres, on Grave Creek; surface and minerals owned by  
 Loudenslager Heirs, Cameron, W. Va.  
 Elevation, 1039.8' L.  
 Drilling commenced Nov. 16, 1936; completed, Dec. 28, 1936.  
 Shot Dec. 19, ~~20~~ 21, 29, 1936; at 2690'.  
 Open flow, 33,000 cu. ft.  
 Rock pressure, 25 lbs. in 1 hr.  
 Fresh water at 60'.  
 10" casing, 170'; 8 $\frac{1}{4}$ ", 1200'; 6-5/8", 2000'.  
 Coal was encountered at 435, 617, and 701'.  
**Gas well.** Drilled under permit Mars-.....

	Top.	Bottom.
Bluff Sand, white, soft	390	- 435
Little Dunkard Sand, white, hard	1084	- 1094
Big Dunkard Sand, white, hard	1186	- 1241
1st Gas Sand, white, hard	1370	- 1400
2nd Gas Sand, white, hard	1451	- 1477
1st Salt Sand, gray, hard	1570	- 1610
2nd Salt Sand, gray, hard	1650	- 1670
Maxton Sand, gray, hard	1715	- 1728
Lime, gray, hard	1750	- 1760
Lime, gray, hard	1789	- 1829
Big Injun Sand, gray, hard	1829	- 2077
30-Ft. ? Sand, white, hard (50-Ft.)	2440	- 2515
Pink rock, soft	2515	- 2525
50-Ft. ? Sand, gray, broken (30-Ft.)	2604	- 2616
Gordon Stray Sand, gray, hard	2687	- 2702
Gordon Sand, gray, hard	2707	- 2725

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

W E L L R E C O R D

Permit No. Dec 69

Gas Well

Company	-	<u>F. J. Watson</u>	<u>CASING &amp; TUBING</u>
Address	-	<u>Cameron, W. Va.</u>	
Farm	-	<u>Loudenslager Heirs. Acres 200</u>	10      170
Location	-	<u>Grave</u>	8 $\frac{1}{4}$ 1200
Well No.	-	<u>3. Elev. 1039-8</u>	6-5/8      2000
District	-	<u>Cameron. County- Marshall</u>	
Surface & Mineral	-	<u>Loudenslager Heirs</u>	
Drilling	-	<u>Cameron, W. Va.</u>	
	-	<u>Commenced- 11/16/36</u>	Coal was encountered at
	-	<u>Completed- 12/28/36</u>	435'; 617' 701'
Date Shot	-	<u>12/19-21-29/36. Depth- 2690</u>	
Open Flow	-	<u>33,000 Cu.Ft.</u>	
Rock Press.	-	<u>25 lbs. 1 hr.</u>	
Oil	-		
Fresh Water	-	<u>60 feet</u>	
Salt Water	-		

ADD  
7/37

Formation Color			Hor	TOP	Bottom	Result	Formation Color			Hor	TOP	Bottom	Result
Bluff Sand	Whi.	S		390	435								
Little Dunk.	"	H		1084	1094								
Big Dunkard	"	H		1186	1241								
1st Gas Sand	"	H		1370	1400								
2nd Gas Sand	"	H		1451	1477								
1st Salt	" Gray	H		1570	1610								
2nd Salt	" "	H		1650	1670								
Maxon Sand	"	H		1715	1728								
Lime	"	H		1750	1760								
Lime β. L.	"	H		1789	1829								
Big Injun.	"	H		1829	2077								
30 ft. Sand	Whi.	H		2440	2515								
Pink Rock	Pink	S		2515	2525								
50 ft. Sand	Gray	Bro.		2604	2616								
Gordon Stray	"	H		2687	2702								
Gordon Sand	"	H		2707	2725								

✓