

"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."

By Paul S. Dean

- New Location
- Drill Deeper
- Abandonment

B.M. REF. = INTERSECTION SECONDARY ROAD 48 & ROUTE 20 3/4 MI. SE. OF Loc.
MINIMUM ERROR OF CLOSURE 1/10,000

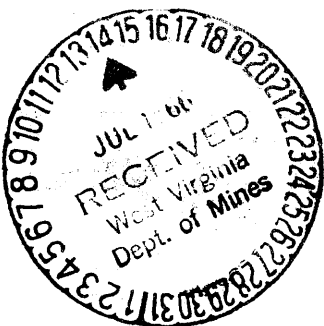
Company CHICAGO BEARS FOOTBALL CLUB INC.
 Address 173 WEST MADISON ST., CHICAGO 2, ILL.
 Farm L. L. CRAWFORD
 Tract 2 Acres 73± Lease No. _____
 Well (Farm) No. TWO Serial No. _____
 Elevation (Spirit Level) 1290
 Quadrangle WESTON REC
 County HARRISON District ELK
 Engineer Paul S. Dean
 Engineer's Registration No. 1856
 File No. 136-5-77 Drawing No. 65-31
 Date JUNE 16, 1965 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. HAR-415
 class: 6/

+ 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 Weston

Permit No. HAR-415

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Chicago Bears Football Club, Inc.
Address 173 W. Madison St., Chicago 2, Ill.
Farm L. L. Crawford Acres 73+
Location (waters) Gnatty Creek
Well No. 2 Elev. 1290'
District Elk County Harrison
The surface of tract is owned in fee by L. L. Crawford & Ethel C. Crawford Address Clarksburg, W.Va.
Mineral rights are owned by Same Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	19'	19'	
13	222'3"	0	
10	967'4"	0	Size of
8 1/2	1648'4"	0	
6 3/4			Depth set
4 1/2 4 1/2	4528'9"	4528'9"	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced March 21, 1966
Drilling completed June 25, 1966
Date Shot _____ From _____ To _____
With _____
Open Flow 26/10ths Water in 1 1/2 Inch
_____ /10ths Merc. in _____ Inch
Volume 89,913 Cu. Ft.
Rock Pressure Not taken lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 50 FEET 36 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED 1110 bbls. water 56,000 # Sand

RESULT AFTER TREATMENT 5,600,000 C/D Benson
ROCK PRESSURE AFTER TREATMENT 1975# in 72 hours
Fresh Water 73' Feet Salt Water 885' and 1085' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	20			
Slate			20	50			
Coal			50	53			
Slate			53	234	Water	73'	6 BPH
Red Rock			234	289			
Sand			289	300			
Slate & Shells			300	350			
Red Rock			350	373			
Slate			373	433			
Red Rock			433	470			
Slate			470	476			
Sand	LD		476	580			
Slate & Shells			580	644			
Sand	BD		644	796			
Slate			796	822			
Sand	GAS		822	844	Gas	828-33'	Show
Slate			844	850			
Sand			850	904	Water	885'	Hole Full
Slate			904	950			
Broken Sand			950	980			
Shale			980	1010			
Sand	1		1010	1115	Water	1085'	1 BPH
Slate & Shells			1115	1168			
Sand	2		1168	1185			
Slate & Shells			1185	1220			
Sand	2		1220	1265			
Broken Lime			1265	1320			
Sand	4		1320	1344			
Slate & Shells			1344	1367			
Red Rock			1367	1435			

Formation	Color	Hard or Soft	Top 8	Bottom	Oil, Gas or Water	Depth	Remarks
Gritty Lime			1435	1460			
Slate			1460	1469			
Sand	maxon		1469	1521			
Red Rock & Shells			1521	1570			
Slate			1570	1585			
Little Lime	L LIME		1585	1600			
Slate			1600	1618			
Red Rock	A CAVE		1618	1623			
Sand Shell	B MONDAY		1623	1630	Gas	1623-30'	Show
Big Lime	B LIME		1630	1718	Gas	1655'	Show
Sand	RECAVE		1718	1750			
Gritty Lime			1750	1761			
Red Sand	R INT		1761	1820	Gas	1812-17'	Show
Lime			1820	1920			
Sand	RECAVE		1920	1930			
Gritty Lime			1930	2025	Oil	1990'	Show
Sand	GANTZ		2025	2152			
Slate			2152	2170			
Sand	SO		2170	2268			
Red Rock			2268	2362			
4th Sand (fourth) 30			2362	2391			
Red Rock			2391	2429			
Slate			2429	2457			
Red Rock			2457	2467			
5th. Sand (fifth) GORDON			2467	2491			
Shale & Shells			2491	2535			
Gritty Lime	H-T		2535	2614			
Slate & Shells			2614	3710			
Sand	RECAVE		3710	3730			
Slate & Shells			3730	3891			
Lime			3891	3923			
Slate			3923	3985			
Gritty Lime	P LIME		3985	4015			
Slate & Shells			4015	4495			
Benson Sand			4495	4509	Gas		26/10 in 1 1/2"
Slate			4509	4540			89,913
Total Depth				4540			

Date July 13, 19 66
Chicago Bears Football Club, Inc. Owner
APPROVED Crawford # 2 Well
By Homer Queen (Title) Field Supt.