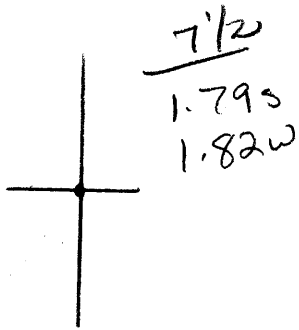


LATITUDE 40° 30' 00"

80° 30' 30" LONGITUDE



7'5 OGIS topo location

7.5' loc _____ 15' loc _____
 ' _____ (calc.) _____

Company James Clegg 0010

Farm George Clegg 1

Quad Weinton 7 1/2 1

County Hancock

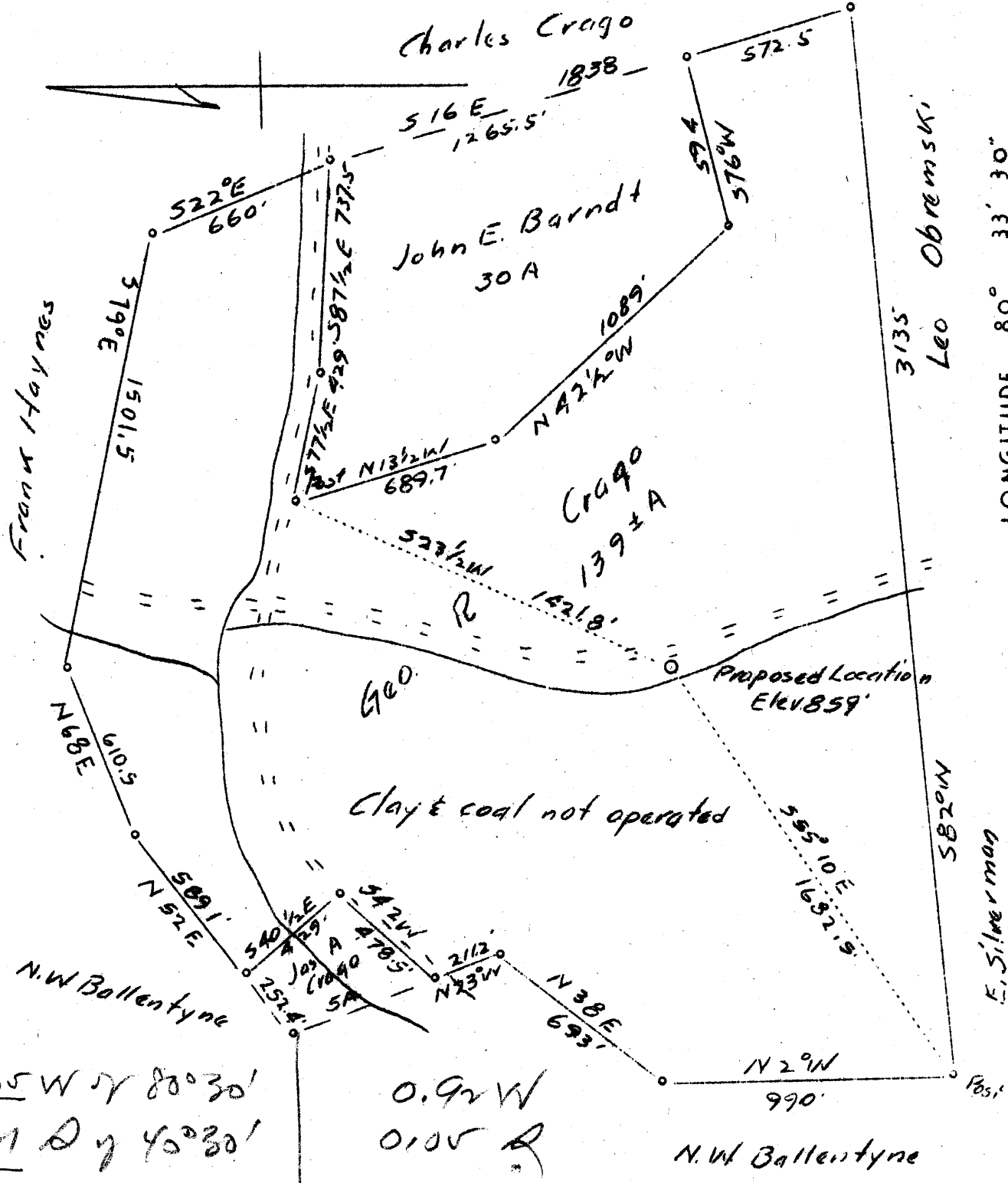
District Clay

WELL LOCATION MAP

File No. 029 - 6

LATITUDE 40° 29'

LONGITUDE 80° 33' 30"



Company James E. Crago (privately owned)
 Address R.D.#1, New Cumberland, W.Va.
 Farm Geo. R. Crago
 Acres 139 A ±
 Quadrangle Stuebenville, 0 (NE)
 County & Hancock
 District Clay
 Engineer Chas. J. Falkenbach
 Engineer's Registration No. 314
 Date 2-19-37 Scale 1" = 500'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP

File No HAN-6

Denotes location of well on U. S. 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.

APP
5/37

Ham-6

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Ham-6

Oil or Gas Well Dry
(Kind)

Company James E. Grasso
 Address New Cumberland W. Va.
 Farm George R. Grasso Acres 1.39
 Location (waters) Holberts run
 Well No. 1 Elev. 859
 District Clay County Hancock
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced March 2nd
 Drilling completed May 3rd
 Date shot _____ Depth of shot _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4		<u>5-8</u>	
6 5/8		<u>5-2-1</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 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 Found	Remarks
Shale	black	soft	0	5-8	Water	5-2	
Shale	brown	hard	5-8	9 0			
Shurryk	dark	hard	9 0	16 0			
Fire clay	gray	soft	16 0	18 0	Water	16 0	Shelly
Shale	brown	hard	18 0	23 0			Broke up
Saltsand	dark	hard	23 0	3 15			
Slate	black	soft	3 15	4 32			
Big Engine	white	hard	4 32	5 00	521'-6 5/8"		
Slate	black	soft	5 00	8 49			
Brea	dark	hard	8 49	8 77			
Redrock	red	soft	8 77	10 35			
blovsand	yellow	hard	10 35	10 37			
Slate	black	soft	10 37	11 56			
thirty ft	dark	hard	11 56	11 58			
Slate	black	soft	11 58	12 37			
Gordon	dark	hard	12 37	12 76			
Shale	gray	soft	12 76	13 08			
fourth sand	brown	hard	13 08	13 16			
Slate	black	soft	13 16	14 15			
Fifth sand	dark	hard	14 15	14 52			
Slate	black	soft	14 52	14 57			

