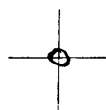


LATITUDE

39° 40'



03, 61, 08

LONGITUDE

7.5 OGIS topo location

7.5' loc 0.64 S 15' loc 0.64 S
1.46 W (calc.) 3.68 W

Company _____

Farm _____

Quad Blacksville 7.5' Blacksville

County _____

District Clay

WELL LOCATION MAP

File No. 061-54

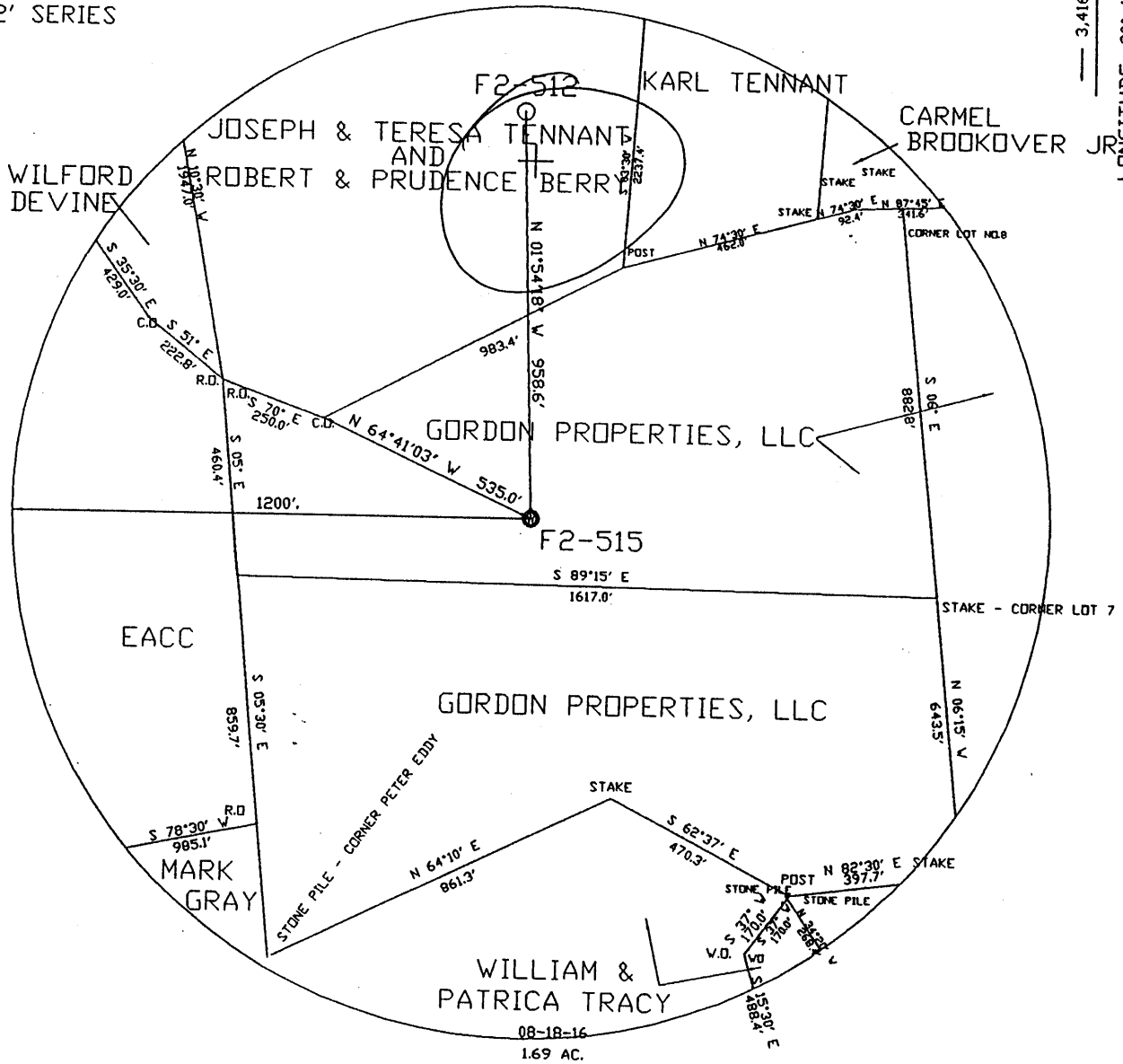
LATITUDE 39° 40' 00"

7,664'

3,416'

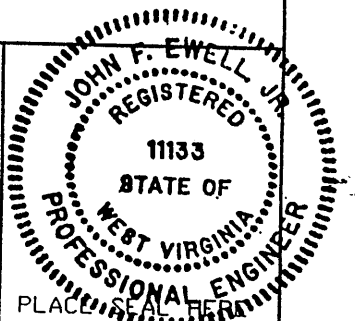
LONGITUDE 80° 12' 30"

TOPO. LOC.
BLACKSVILLE QUAD.
7 1/2' SERIES



FILE NO. WELL F2-515
 DRAWING NO. F2-515 PLAT
 SCALE 1"=400'
 MINIMUM DEGREE OF
 ACCURACY 1/2500'
 PROVEN SOURCE OF
 ELEVATION USGS B.M.

I THE UNDERSIGNED, HEREBY CERTIFY
 THAT THIS PLAT IS CORRECT TO THE
 BEST OF MY KNOWLEDGE AND BELIEF AND
 SHOWS ALL THE INFORMATION REQUIRED
 BY LAW AND THE REGULATIONS ISSUED
 AND PRESCRIBED BY THE DEPARTMENT OF
 MINES.
 (SIGNED) *John F. Ewell Jr.*
R.P.E. 11133 L.L.S.



(+) DENOTES LOCATION OF
 WELL ON UNITED STATES
 TOPOGRAPHIC MAPS

FORM IV-6

(8-78)

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

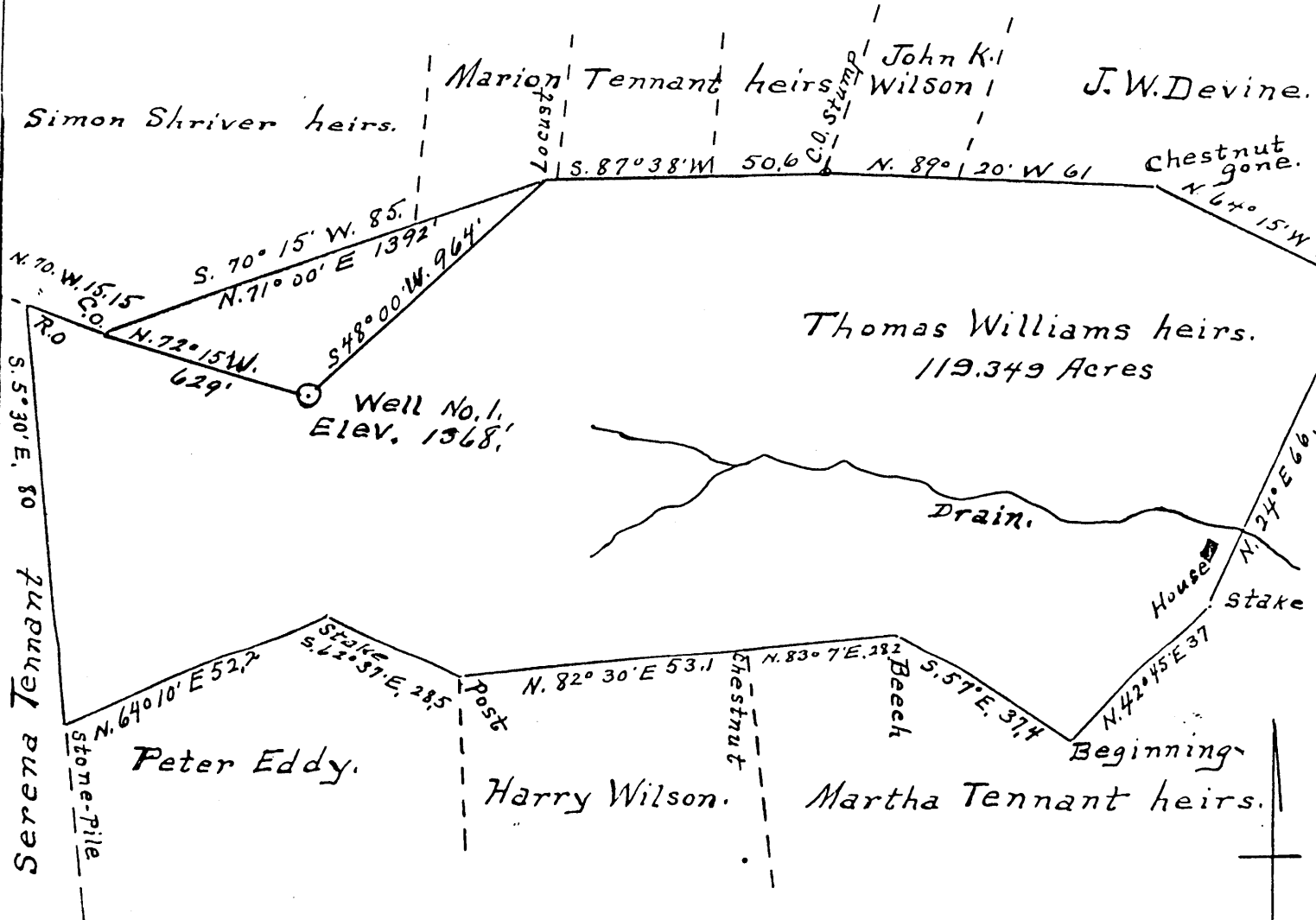
DATE OCTOBER 29, 2003
 OPERATOR'S WELL NO F2-515
 API WELL NO.
47-061-00054P
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF 'GAS', PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___)
 LOCATION: ELEVATION 1,361' WATERSHED DAYS RUN
 DISTRICT CLAY COUNTY MONONGALIA
 QUADRANGLE BLACKSVILLE
 SURFACE OWNER EASTERN ASSOC. COAL CORP. ACREAGE 123
 OIL & GAS ROYALTY OWNER CHARTIERS #1 LEASE ACREAGE ___
 LEASE NO. THOMAS WILLIAMS 123 AC.
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL X FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG X
 TARGET FORMATION BAYARD SAND ESTIMATED DEPTH 3,200'
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT EDWARD Y. HOY
 ADDRESS 1044 MIRACLE RUN ROAD ADDRESS 1044 MIRACLE RUN ROAD
FAIRVIEW WV, 26570 FAIRVIEW WV, 26570

MONO 0054P

Plat of the proposed location of Well No. 1.
 of the Chartiers Oil Co. of Pittsburgh, Pa. on
 the Thomas Williams heirs farm consisting of
 119.349 Acres, located in Clay District, Monongalia
 County, West Virginia.



Engineer's Certificate.

I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

A. L. Headley.

Acknowledged before me a Notary public in and for Monongalia County, West Virginia this the 16th. day of June, 1933
 My Commission expires
 April, 10, 1935

P. F. Chasler
 Notary Public.

061-0054

MON-54

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. 54 Well No. 1

The Chartiers Oil Company, of 808 Columbia Building,

Pittsburgh, Pa. on ththe Thomas Williams Heirs Farm

containing 123 acres. Location

Clay District, in Monongalia County, West Virginia.

The surface of the above tract is owned in fee by Thomas Williams Heirs, c/o J.B. Williams

of R. D. #2, Fairview, West Va., address, and the mineral rights are owned by

Thomas Williams Heirs, of R. D. #2, Fairview, West Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under

permit No. Mon - 54 issued by the West Virginia Department of Mines, Oil and Gas Section,

June 30th, 1933.

Elevation of surface at top of well, 1368 ft. Spirit Barometric.

The number of feet of the different sized casings used in the well.

Thirteen feet Sixteen inch size. Wood conductor.

1,063 feet 10 size, esg. 1,930 feet 8 1/4" sized esg.

2,260 feet 6-5/8" size, esg. 2,527 feet 5-3/16" sized esg.

feet size, esg. feet sized esg.

packer of size, set at

packer of size, set at

in casing perforated at feet to feet.

in casing perforated at feet to feet.

Coal was encountered at 908 feet; thickness 5 ft. inches, and at 220

feet; thickness 24 inches; and at 1026 feet; thickness 7 ft. inches.

Liners were used as follows: (Give details)

November 21st, 1933.

Date. THE CHARTIERS OIL COMPANY,

Approved. [Signature], Owner.

By. Treasurer. (Title)

NOV 23 1933

THE CHARTIERS OIL COMPANY..... Company

808 Columbia Bldg.,..... Address

Pittsburgh, Penna.....

COMPLETION DATA SHEET

NO. 2

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay	Pink			0	15			
Shale & Shells				15	195			
Sand				195	220			
Native Coal				220	222	1 1/2		
Slate				222	530			
Lime Shells				530	590			
Bluff Sand				590	630			
Slate				630	655			
Fairview Coal				655	661			Water
Lime Shells				661	890			
Slate				890	908			
A.T. Coal				908	913			Water
Lime				913	1010			
Slate				1010	1026			
Pgh Coal				1026	1033			Water
Slate & Shells				1033	1160			
Rock	Red			1160	1200			
Lime Shells				1200	1218			
Rock	Red			1218	1230			Very red soft
Shells				1230	1300			
Rock	Red			1300	1325			" " "
Lime Shells				1325	1445			
Little D				1445	1495			
Slate & Shell				1495	1605			
Sand,				1605	1620			
Lime Shells				1620	1650			
Gas Sand				1650	1680			
Coal				1680	1685			
Slate Shells				1685	1750			
Sand Shells				1750	1797			
Coal				1797	1803			
Sand				1803	1840			
Slate				1840	1850			
First Salt Sand				1850	1910			
Slate				1910	1925			
Second Salt Sand				1925	2000			Water
Slate				2000	2007			
Sand,				2007	2070			
Slate				2070	2085			
Rock	Red			2085	2105			
Slate & Shell				2105	2232			
Little Lime				2232	2245			
Pencil				2245	2253			
Lime				2253	2255			
Pencil				2255	2258			
Big Lime				2258	2338			
Break in Lime				(2285)	2287)			

THOMAS WILLIAMS HEIRS #1.

Company

COMPLETION DATA SHEET

Address

NO. 2

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Big INJUN				2338	2530			
Slate & Shell				2530	2590			Show of gas 2415
Squaw				2590	2625			Water
Slate & Shells				2625	2812			
Lime		Hard		2812	2833			
Slate & Shells				2833	2900			
Gantz		Hard		2900	2925			
Slate				2925	2952			Slate 2970-2985
50 Foot				2952	3022			
Slate	Pink			3022	3025			
Sand				3025	3035			
Slate				3035	3040			
Sand				3040	3050			
Slate				3050	3070			
30 Ft. Shells				3070	3100			
Slate & Shell				3100	3135			Red Rock 310
Gordon Stray				3135	3160			
Slate & Shell				3160	3170			
Sand,				3170	3185			
Red R & Shell				3185	3228			
Gordon				3228	3255			
Shells				3255	3275			
Sand,				3275	3298			
Slate	Red			3298	3306			
4th Sand				3306	3320			
Slate				3320	3353			
5th Sand				3353	3363			
Slate				3363	3450			
Bayard		Little Gas 3450		3450	3458			
Slate		OIL - 3455-58		3458	3470		3470	

Well was ~~not~~ shot at 3450 feet; well was shot at 3450 feet.

Salt Fresh water at 3450 feet; salt fresh water at 3450 feet.

Well was ~~not~~ producing hole.

THE CHARTIERS OIL COMPANY

November 21, 1933 Date Approved [Signature] Owner Treasurer

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

NOV 23 1933

