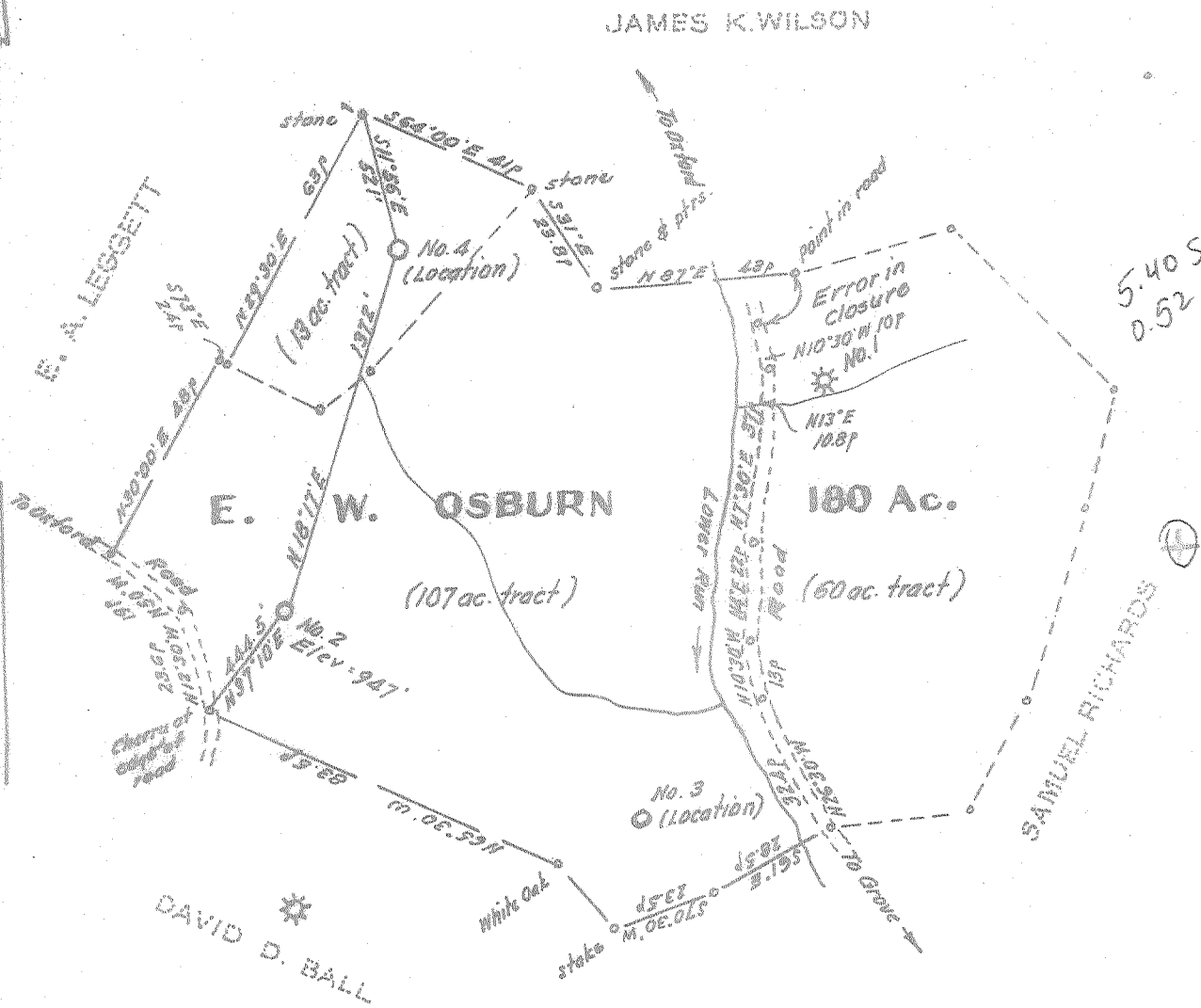


LATITUDE 39° 15'

LONGITUDE 80° 50'



I, the undersigned, hereby certify that this map is a true and correct copy of the original as shown to me, and that it is based on my knowledge and belief and complies with all the requirements of the rules and regulations of the oil and gas sections of the mining laws of West Virginia.

W. P. Ball
W. P. Ball, 127

New Location
 Drill Deeper
 Abandonment

Elev. reference: - Well No. 1, David D. Ball. = 992
 Error in Closure, Survey, is less than 1 in 200

Company TRIO OIL AND GAS CO.
 Address c/o Paul Davis, West Union, W. Va.
 Farm E. W. Osborn
 Tract Acres 180 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 947
 Quadrangle Holbrook - NC
 County Doddridge District Southwest
 Engineer *W. P. Ball*
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date July 22, 1966 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. DOD-1399

+ 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 Holbrook

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. DOS 1399

Company Trio Oil and Gas Co., Inc
Address Box 264, West Union, W. Va.
Farm E. W. Osborne Acres 180
Location (waters) Middle Run
Well No. 2 Elev. 947'
District South West County Doddridge
The surface of tract is owned in fee by E. W. Osborne
Address Oxford, W. Va.
Mineral rights are owned by E. W. Osborne
Address Oxford, W. Va.
Drilling commenced 8/17/66
Drilling completed 8/23/66
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Spring Gauge Inch
Volume 1.350 M.C.F. Cu. Ft.
Rock Pressure 680 lbs. 24 hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16 <u>3 5/8</u>	<u>30</u>	<u>none</u>	
13			Size of
10			Depth set
8 3/4			Perf. top <u>1925</u>
6 5/8			Perf. bottom <u>1929</u>
5 3/16			Perf. top <u>1942</u>
3 <u>4 1/2</u>	<u>2035</u>	<u>all</u>	Perf. bottom <u>1950</u>
2			1966-1976
Liners Used			

CASING CEMENTED 4 1/2" SIZE 5001 No. Ft. 8/24/66 Date

COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED yes, 1100 bbl Water 1/700# sand

RESULT AFTER TREATMENT 1.350 MCF Big Injun

ROCK PRESSURE AFTER TREATMENT 680#

Fresh Water none Feet Salt Water none Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Clay	Red	Soft	0	15			
Sandy Shale	Green	M. d.	15	90			
Gray Shale	Gray	Soft	90	310			
Shale w/R.R.	Gray	& Soft	310	410			
Sand	Red						
R. N./Shells	White	Med.	410	450			
Shale w/R.R.	Red	Med.	450	480			
Gray Shale	Shale	Med.	480	610			
Shale & R. R.	Gray		610	680			
Line Shells	& Red		680	770			
Gray Shale			770	1010			
Sand	Gray		1010	1135			
Shale	Gray		1135	1240			
Shale	Gray & Red		1240	1295			
Sand	White		1295	1330			
Shale & R. R.	Gray & Red		1330	1440			
Sand w/Shale	Gray		1440	1465			
Sand w/Shale			1465	1680			
			1680	1800			
			1800	1910			
<u>Big Line</u>	Dk. Brown		1910	1995			
<u>Big Injun</u>	Lt. Tan		1995	2035			
Shale	Gray						



Consol. Gas 9-7-66 = Big Line 1254-1912

T. D. 2035