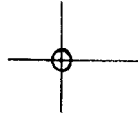


LATITUDE 39° 22' 30"



LONGITUDE 100° 51' 18"

7.5 OGIS topo location

7.5' LOC 0.855 15' LOC _____
1.27W (calc.) _____

Company _____

Farm _____

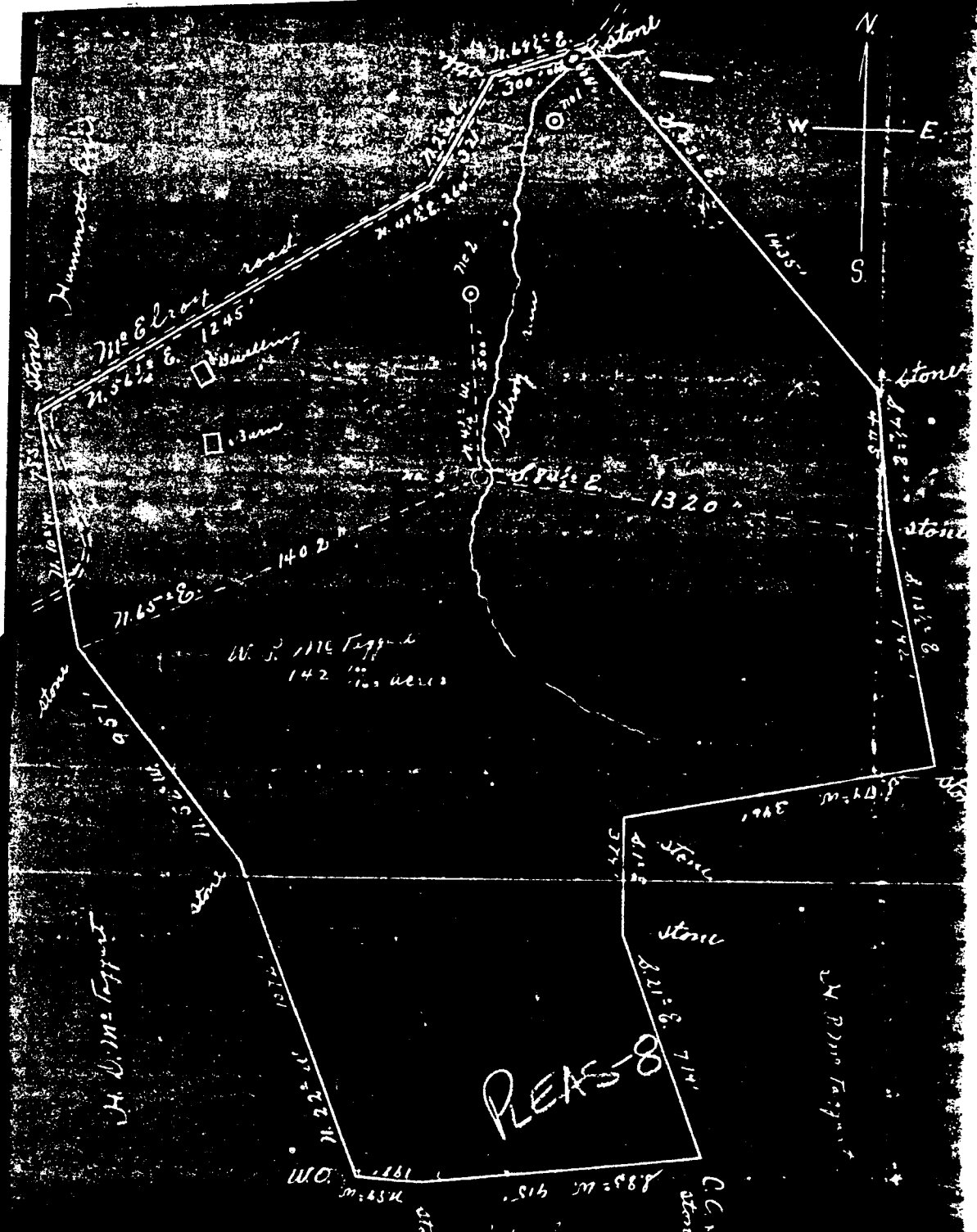
Quad WILLOW ISLAND 7 1/2'

County PLEASANTS

District GRANT

WELL LOCATION MAP

File No. 073 - 0008



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

Scale 331' = 1" H. P. Engle, Engineer

Acknowledged before me a Notary Public in and for Pleasants County West Virginia
 This 3rd day of June 1932

H. P. Engle, Notary Public
 The Commission Expires June 6 1936

Ple-8

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. Ple-8
Eureka Company, of Eureka Well No. 4
N. O. on the M. P. McTigant Farm
containing 143 acres. Location McElroy Run
Grant District, in Pleasants County, West Virginia

The surface of the above tract is owned in fee by Mr. P. McTigant
of Eureka address, and the mineral rights are owned by
M. P. McTigant of Eureka

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit
No. 8 issued by the West Virginia Department of Mines, Oil and Gas Division
Sept. 28 1932

Elevation of surface at top of well, about 600 ft. Spirit Barometric.

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

..... feet size. Wood conductor.
30 feet 8 1/4 size, csg. 220 feet 6 5/8 sized csg.
..... feet size, csg. feet sized csg.
..... feet size, csg. feet sized csg.

None packer of size, set at
None packer of size, set at
None, in casing perforated at feet to feet.
....., in casing perforated at feet to feet.

Coal was encountered at No coal feet; thickness inches, and at
feet; thickness inches; and at feet; thickness inches.

Liners were used as follows: (Give details) None used

June 5 1933 Date.

Approved G. C. McTigant, Owner.

By Operator (TITLE)

JUN 7 1933

Pleasant

Cumeka Oil Company
Cumeka Address
Well No. 4 PLEAS 8

COMPLETION DATA SHEET
No. 2
FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Red clay	Red	soft	water	0	30	30	30	
Soft sand	gray	soft	dry	30	100	70	100	
Sand	white	hard	dry	100	200	100	200	
Soft sand and shale	gray	soft	show of oil	200	300	100	300	
Sand	white	hard	dry	300	400	100	400	
Sand	dark	hard	dry	400	450	50	450	
(Sand and shale)	black	soft	some water	450	500	50	500	
Shale	black	soft	oil-water	500	512	12	512	quit drilling

Well was not shot at _____ feet; well was shot at _____ feet.

Fresh water at 30 ft. salt water at about 500 feet.

Light producing Well was _____ late.

June 5 1933 Date

Approved: E. M. Leggart Owner

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.

JUN 7 1933

MacTAGGART, W. P., NO. 4.

Pleas-8.

By G. C. MacTaggart.

Grant Dist.