

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS BM JCT RTS 70&72 3500' ± SE OF LOC., ELEV. = 1030

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) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

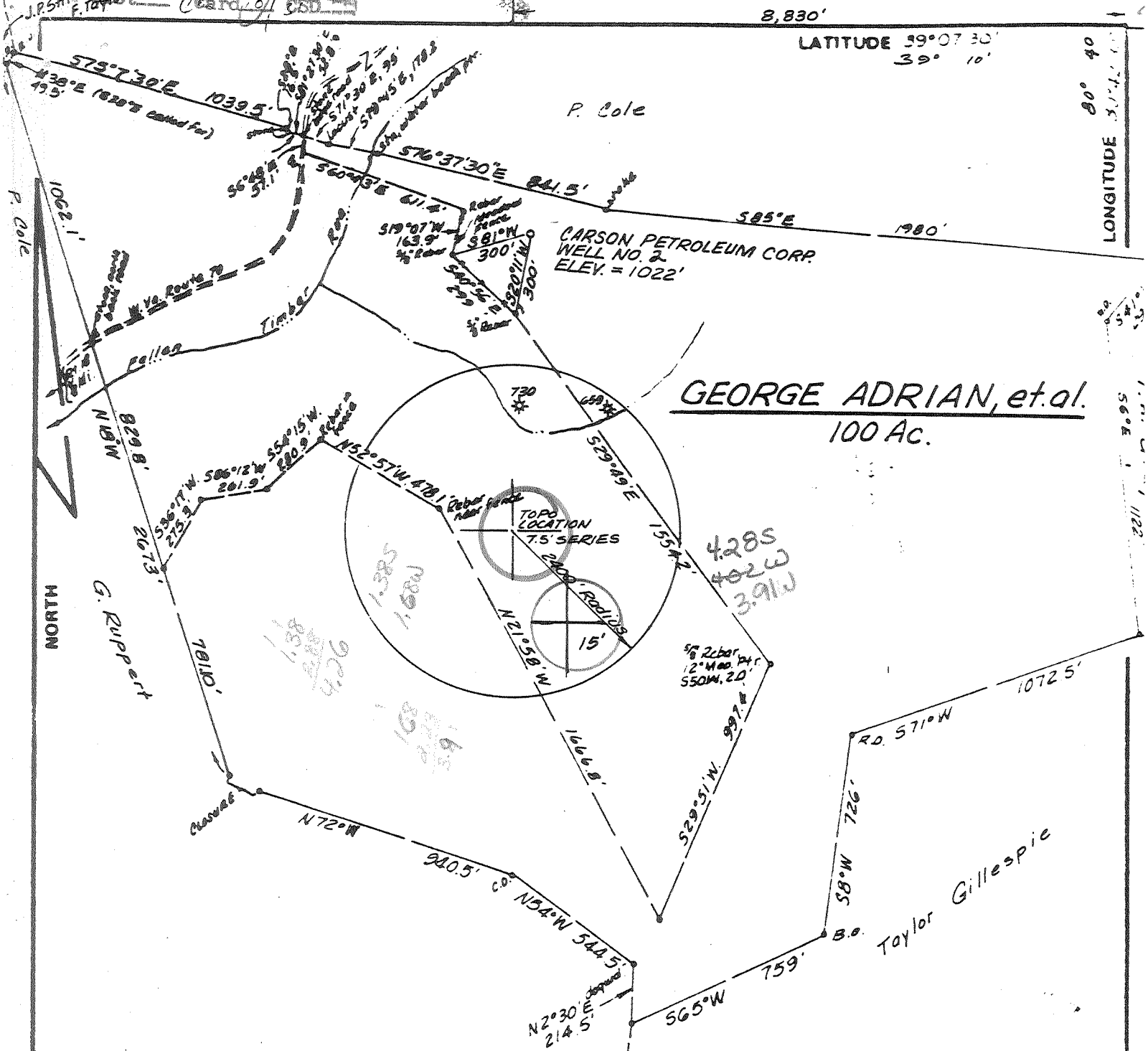
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-8 (8-78)
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1022' WATER SHED FALLEN TIMBER RUN
 DISTRICT COVE COUNTY DODDRIDGE
 QUADRANGLE VADIS 75'
 SURFACE OWNER GEORGE ADRIAN ACREAGE 100
 OIL & GAS ROYALTY OWNER GEORGE ADRIAN, et al LEASE ACREAGE 100
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION GANTZ ESTIMATED DEPTH 2300' ±
 WELL OPERATOR CARSON PETROLEUM CORP DESIGNATED AGENT MR. LOWELL M. JOHNSON
 ADDRESS P.O. BOX 133 SAND FORK, W.VA. 26430

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE OCTOBER 22 19 81
 OPERATOR'S WELL NO. TWO
 API WELL NO. _____
47 - 017 - 3056
 STATE COUNTY PERMIT

CANCELLED

DEC 10 1982



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS B.M. JCT. RTS 70 & 72
3500' ± SE OF LOC., ELEV. = 1030

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.

Mark C. Echard
 (SIGNED) MARK C. ECHARD

R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE OCTOBER 22 19 81
 OPERATOR'S WELL NO. TWO
 API WELL NO. _____
47 - 017 - 3056
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1022' WATER SHED FALLEN TIMBER RUN
 DISTRICT COVE COUNTY DODDRIDGE
 QUADRANGLE VADIS 75' ± 15 W
 SURFACE OWNER GEORGE ADRIAN ACREAGE 100
 OIL & GAS ROYALTY OWNER GEORGE ADRIAN, et al LEASE ACREAGE 100
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION GANTZ ESTIMATED DEPTH 2300' ±
 WELL OPERATOR CARSON PETROLEUM CORP DESIGNATED AGENT MR. LOWELL M. JOHNSON
 ADDRESS P.O. BOX 133 ADDRESS P.O. BOX 133
SAND FORK, W.VA. 26430 SAND FORK, W.VA. 26430

NOV 16 1981



STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas x /
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /

LOCATION: Elevation: 1022 Watershed: Fallen Timber Run
District: Cove County: Doddridge Quadrangle: Vadis

WELL OPERATOR Carson Petroleum Corporation
Address P.O. Box 133
Sand Fork, WV 26430

DESIGNATED AGENT Lowell M. Johnson
Address P.O. Box 133
Sand Fork, WV 26430

OIL AND GAS ROYALTY OWNER George Adrian
Address Rt. 1 Box 95A
New Milton, WV 26411
Acreage 100

COAL OPERATOR N/A
Address _____

SURFACE OWNER George Adrian
Address same
Acreage same

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME George Adrian
Address Rt. 1 Box 95A
New Milton, WV 26411
NAME N/A
Address _____

FIELD SALE (IF MADE) TO:
NAME N/A
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME N/A
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Deo Mace
Address Spencer, WV 25276
Telephone 304-927-1090

RECEIVED

OCT 28 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract ___ / dated ___, 19___, to the undersigned well operator from _____.

(If said deed, lease, or other contract has been recorded:)

Recorded on ___, 19___, in the office of the Clerk of County Commission of Doddridge County, West Virginia, in _____ Book at page _____. A permit is requested as follows:

PROPOSED WORK: Drill x / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) N/A

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

Carson Petroleum Corporation
Well Operator

By: Lowell M. Johnson (llh)
Its: Agent

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Union Drilling, Inc.
Address Drawer 40
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION Gantz
Estimated depth of completed well 2300 feet. Rotary / Cable tools /
Approximate water strata depths: Fresh, 400 feet; salt, N/A feet.
Approximate coal seam depths: N/A
Is coal being mined in this area: Yes / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS Kinds
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor									
Fresh water	8 5/8"					600'	600'	To surface	
Coal									Sizes
Intermed.									
Production Tubing	4 1/2"						2300'	300 sacks or into 5/8"	Depths set
Liners									Perforations: Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 7-2-82.

J. H. Hays
Deputy Director, Oil & Gas Division

Samuel

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the coal operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: , 19 .

By:

Its: