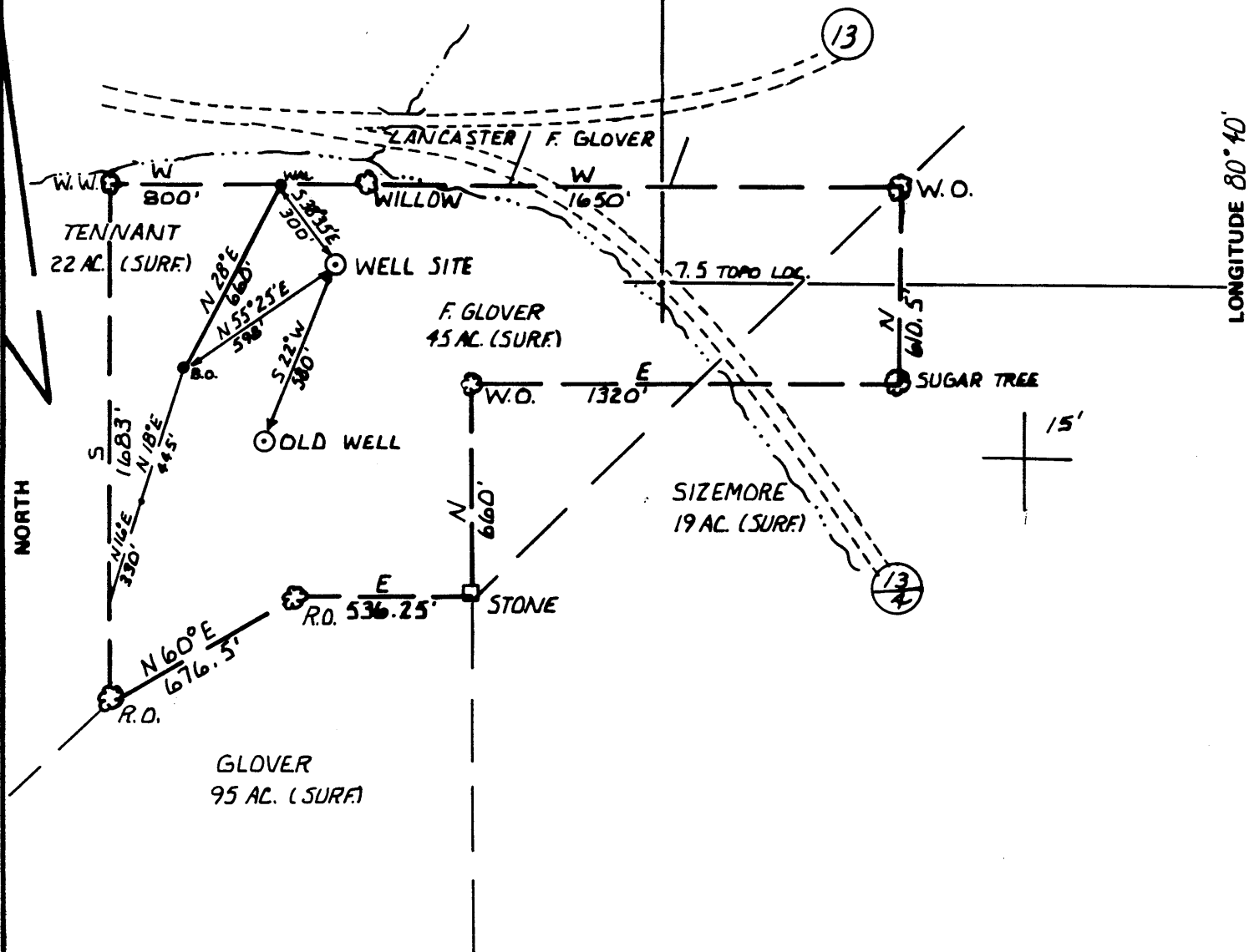


CODE _____ CARD _____ PLOT _____

LATITUDE 39-27-30
39° 30'

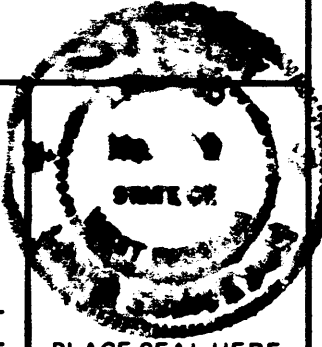
7,350'

LONGITUDE 80° 40'



FILE NO. 81-D940 B
 DRAWING NO. #1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION AT INDIAN CREEK AND MCINTYRE FORK
ELEVATION = 822'

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) Jim Burg
 R.P.E. _____ L.L.S. 699



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



DATE SEPTEMBER 3 1981
 OPERATOR'S WELL NO. ELDER #1
 API WELL NO. _____
47 - 095 - 0950
 STATE COUNTY PERMIT

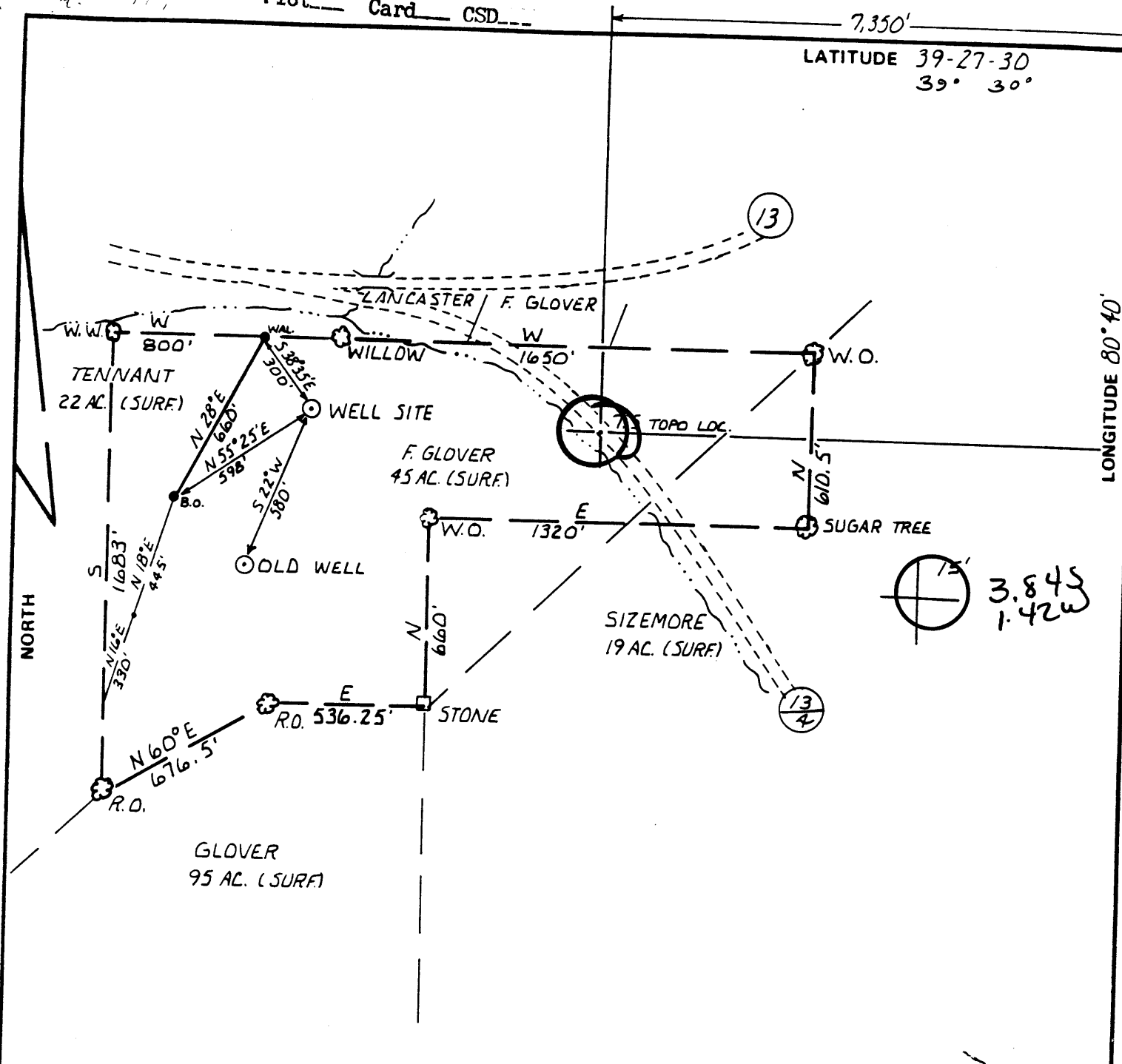
**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION**

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 842' WATER SHED INDIAN CREEK
 DISTRICT MC ELROY COUNTY TYLER
 QUADRANGLE CENTER POINT
 SURFACE OWNER F. GLOVER ACREAGE 45 AC.
 OIL & GAS ROYALTY OWNER MARTHA E. ELDER LEASE ACREAGE 55 AC.
 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 DEXONIAN SHALE ESTIMATED DEPTH 4500'
 WELL OPERATOR LIM PETROLEUM CO. DESIGNATED AGENT DAVID CLOVIS
 ADDRESS R.D. #1 NEWPORT PIKE ADDRESS BOX 288
MARIETTA, OHIO 45750 PARKERSBURG, W.VA. 26101

DEC 17 1984



FILE NO. 81-0940 B
 DRAWING NO. #1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION AT INDIAN CREEK AND MCINTYRE FORK
 ELEVATION = 822'

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) DM Burg
 R.P.E. _____ L.L.S. 699

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE SEPTEMBER 3 1981
 OPERATOR'S WELL NO. ELDER #1
 API-WELL NO. 47-095-0950
 STATE 47 COUNTY 095 PERMIT 0950

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 842' WATER SHED INDIAN CREEK
 DISTRICT MC ELROY COUNTY TYLER
 QUADRANGLE CENTER POINT Q 15' NO
 SURFACE OWNER F. GLOVER ACREAGE 45 AC.
 OIL & GAS ROYALTY OWNER MARTHA E. ELDER LEASE ACREAGE 55 AC.
 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 DEXONIAN SHALE ESTIMATED DEPTH 4500'
 WELL OPERATOR L.M. PETROLEUM CO. DESIGNATED AGENT DAVID CLOVIS
 ADDRESS R.D. 1 NEWPORT PIKE ADDRESS BOX 288
MARIETTA, OHIO 45750 PARKERSBURG, W.VA. 26101

SEP 22 1981



Well No. 1
Farm Arza Elder
API #47-095-0950
Date September 4, 1981

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 842 Watershed: Indian Creek
District: McElroy County: Tyler Quadrangle: Center Point

WELL OPERATOR L&M Petroleum Co.
Address: P.O. Box 89
Reno, Ohio 45773

DESIGNATED AGENT David Clovis
Address Box 288
Parkersburg, WV 26101

OIL AND GAS ROYALTY OWNER Arza Elder
Address: 301 Chelsea Street
Sistersville, WV 26175
Acreage 55

COAL OPERATOR None
Address _____

SURFACE OWNER F. Glover
Address McKim Dist., Tyler Co., WV
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME NA
Address _____
NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME NA
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME NA
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Phil Tracy
Address Rt. 23, Alma, WV 26320
758-4573
Telephone _____

RECEIVED

SEP 9 - 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 x / other contract ___ / dated 9/15, 1971, to the undersigned well operator from Arza & Erma Elder.

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

Recorded on 11/, 1971, in the office of the Clerk of County Commission of Tyler County, West Virginia, in Deed Book #190 at page 496. 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) _____

--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

L&M Petroleum Co.
Well Operator
By: Joanne Cogan
Its: Vice President

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION Devonian Shale

Estimated depth of completed well 4500 feet. Rotary / Cable tools /

Approximate water strata depths: Fresh, NA feet; salt, NA feet.

Approximate coal seam depths: NA

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
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	8 5/8			x		250	250	125 sx	C / K / D / S
Fresh water									
Coal									Sizes
Intermed.									
Production Tubing	4.5			x		4500	4500	125 ⁴⁵⁰ sx	or Depths set
Liners								as req. by sec. 1501	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 5-11-82.

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

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 well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: _____, 19____.

By: _____

Its: _____