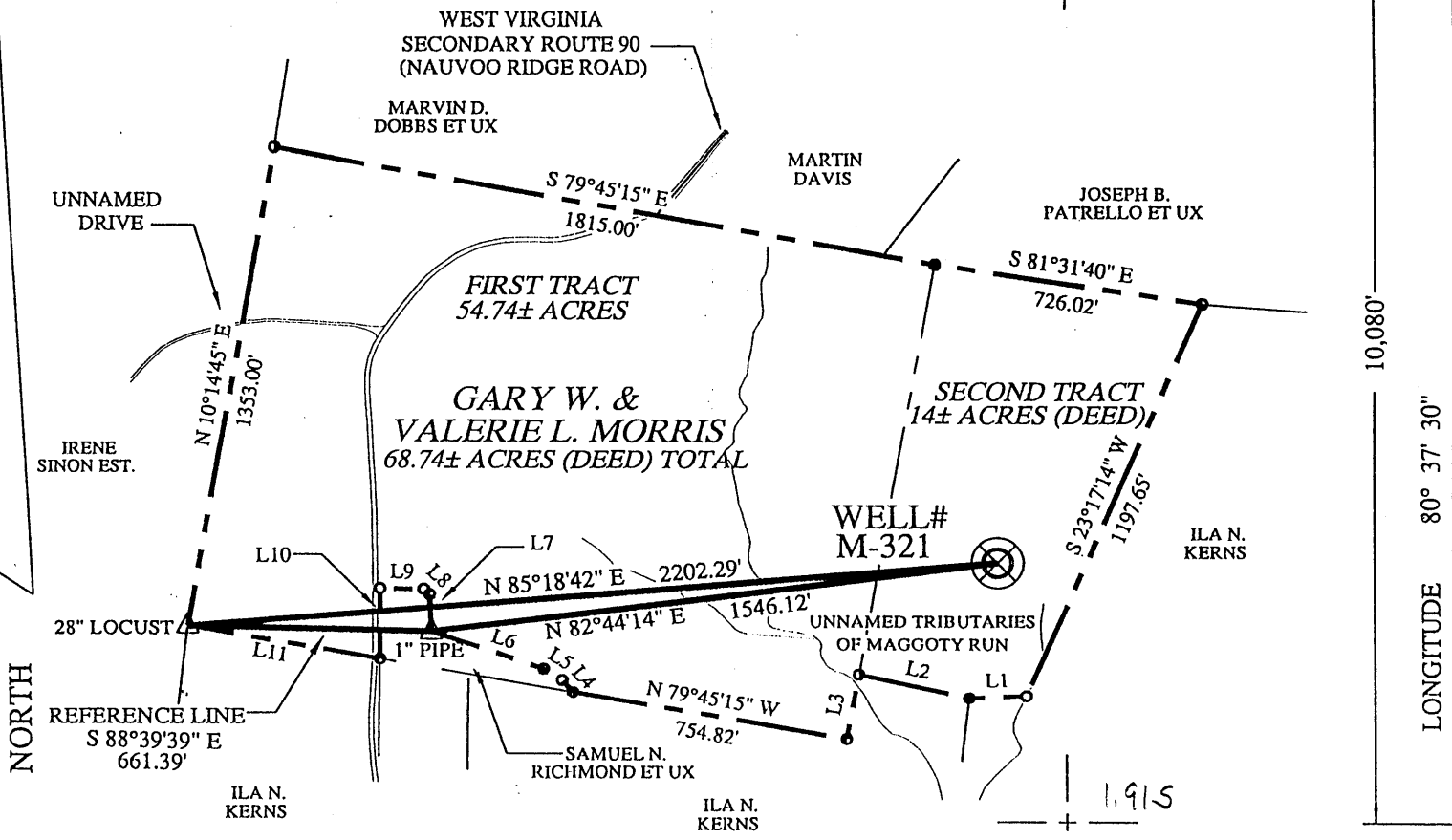


LATITUDE 39° 50' 00"

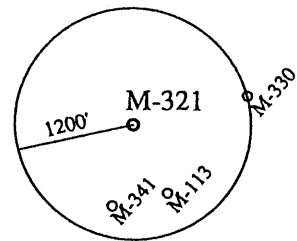
4,200'



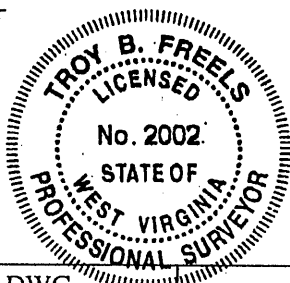
10,080'

LONGITUDE 80° 37' 30"

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| L1   | S 87°44'45" W | 153.78'  |
| L2   | N 77°15'15" W | 305.58'  |
| L3   | S 10°14'45" W | 188.76'  |
| L4   | N 40°13'30" W | 44.32'   |
| L5   | N 57°05'30" W | 60.01'   |
| L6   | N 70°36'30" W | 321.29'  |
| L7   | N 02°18'30" W | 106.89'  |
| L8   | N 46°20'30" W | 21.32'   |
| L9   | N 88°57'30" W | 118.45'  |
| L10  | S 00°19'30" W | 202.56'  |
| L11  | N 79°45'15" W | 530.36'  |



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 ENERGY.  
 P.S. Troy B. Freels  
 2002



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

DATE APRIL 19, 20 02

OPERATORS WELL NO. M-321

API WELL NO. 47 - 51 - 00867P  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY: 1/2500 FILE NO.: M321.DWG  
 SCALE: 1" = 500'  
 PROVEN SOURCE OF ELEVATION: COMPANY NETWORK TIED INTO U.S.G.S.

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



WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: 1338.26' ELEVATION: 1338.26' WATERSHED: TRIBUTARY OF MAGGOTY RUN *was OSI 30263*

DISTRICT: MEADE COUNTY: MARSHALL QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: GARY W. & VALERIE L. MORRIS ACREAGE: 68.74± ACRES

ROYALTY OWNER: \_\_\_\_\_ LEASE ACREAGE: \_\_\_\_\_

PROPOSED WORK: \_\_\_\_\_ LEASE NO.: \_\_\_\_\_

DRILL: \_\_\_\_\_ CONVERT: \_\_\_\_\_ DRILL DEEPER: \_\_\_\_\_ REDRILL: \_\_\_\_\_ FRACTURE OR STIMULATE: \_\_\_\_\_ PLUG OFF OLD: \_\_\_\_\_

FORMATION: \_\_\_\_\_ PERFORATE NEW FORMATION: \_\_\_\_\_ PLUG AND ABANDON:  CLEAN OUT AND REPLUG: \_\_\_\_\_ OTHER: \_\_\_\_\_

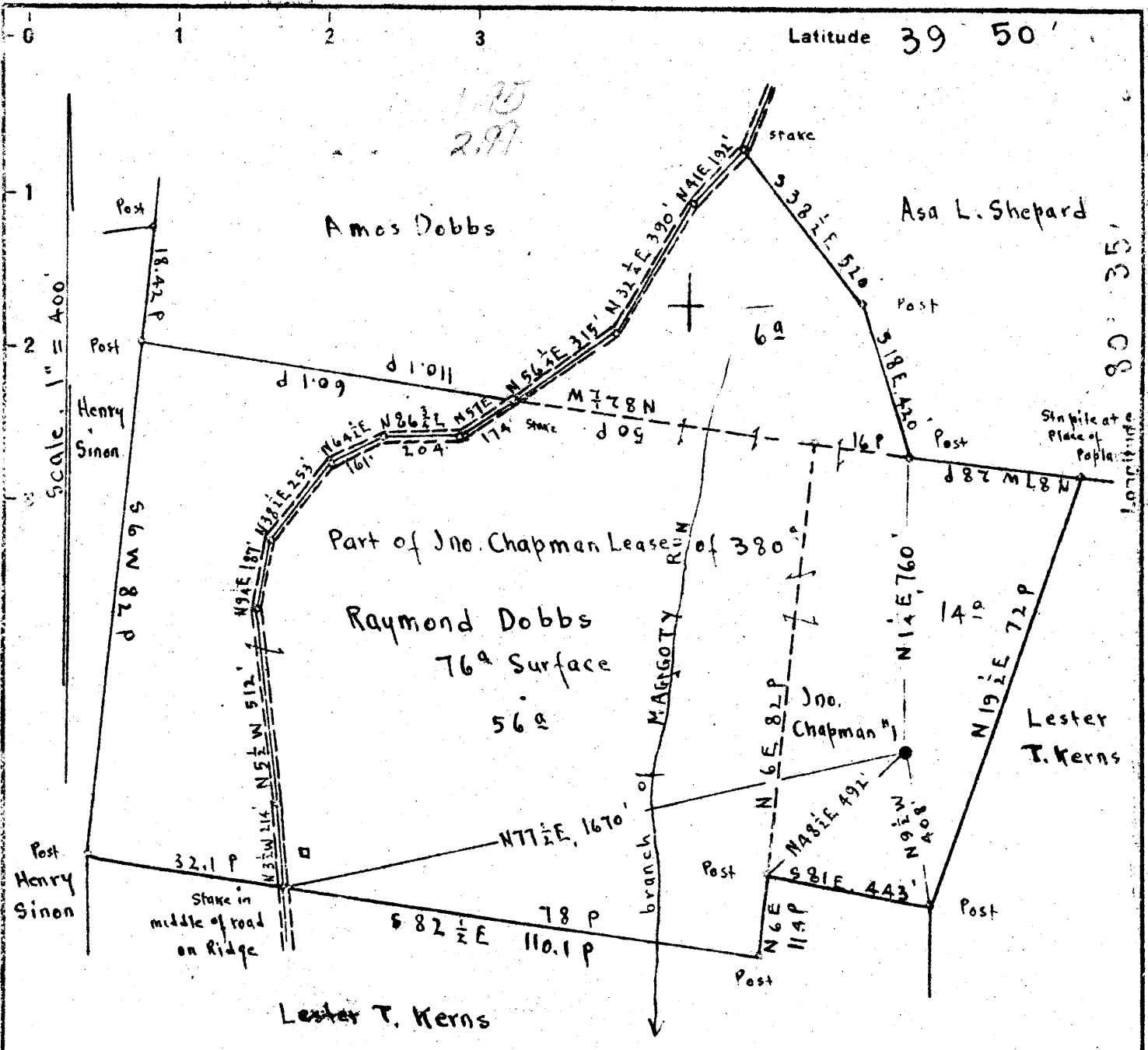
PHYSICAL CHANGE IN WELL (SPECIFY): \_\_\_\_\_ TARGET FORMATION: NONE

ESTIMATED DEPTH: \_\_\_\_\_

WELL OPERATOR: CONSOLIDATION COAL CO. / MCELROY COAL CO. DESIGNATED AGENT: ROGER E. DUCKWORTH  
 ADDRESS: P.O. BOX 100 OSAGE, WV 26543 ADDRESS: P.O. BOX 100 OSAGE, WV 26543

MAY 24 2002

COUNTY NAME: MARS  
 PERMIT: 0867P



Surface: Raymond Dobbs, R.F.D #1, Glen Easton, Marshall Co., W.Va.  
 Coal: Grave Creek Fuel Co.  
 Address, A.W. Cottom, Box 493, Uniontown, Pa.

- New Location
- Drill Deeper
- Abandonment

Map N 98 N 25 W 1

Company Zogg-Randall Supply Co.  
 Address Owensboro Ky.  
 Farm Jno. Chapman  
 Tract Acres 393.08 Lease No.  
 Well (Farm) No. 1 Serial No.   
 Elevation (Spirit Level) Floor 1344.94  
 Ground 1342.94  
 Quadrangle CAMERON  
 County Marshall District Meade  
 Engineer E.C. Tabler  
 Engineer's Registration No.   
 File No.  Drawing No.   
 Date May 8th 1947 Scale 1" = 400 Feet

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

WELL LOCATION MAP

FILE NO. MARS-263-A  
NOV 051 867P

+ 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

322

Permit No. 763-A -> 867P WELL RECORD

Oil or Gas Well Oil  
(KIND)

Company RANDALL-ZOGG SUPPLY COMPANY  
Address Box 526, CHARLESTON 22 W. VA.  
Farm John Chapman Acres 593.08  
Location (waters) Branch of Maggoty Run  
Well No. One (1) Elev. 1342.94  
District Meade County Marshall  
The surface of tract is owned in fee by Raymond Dobbs,  
R. D. #1, Address Clary Easton, W. Va.  
Mineral rights are owned by Grave Creek Fuel Co.,  
A. N. Cotton, Box 493, Address Uniontown, Pa.  
Drilling commenced \_\_\_\_\_  
Drilling completed Jan. 28th, 1905  
Date Shot See Below From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              |                |
| 16                |                  |              | Kind of Packer |
| 13                | <u>210'</u>      | <u>150'</u>  |                |
| 10                | <u>1435'</u>     |              | Size of        |
| 8 1/4             | <u>1846'</u>     | <u>1438'</u> |                |
| 6 3/8             | <u>2049'</u>     | <u>2049'</u> | Depth set      |
| 5 3/16            | <u>2445'</u>     | <u>2445'</u> |                |
| 3                 |                  |              | Perf. top      |
| 2                 | <u>3061'</u>     | <u>3061'</u> | Perf. bottom   |
| Liners Used       |                  |              | Perf. top      |
|                   |                  |              | Perf. bottom   |

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 715 FEET 60 INCHES  
970 FEET 60 INCHES 1065 FEET 60 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

| Formation       | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------------|-------|--------------|------|--------|-------------------|-------------|---------|
| Native Coal     |       |              | 715  | 720    |                   |             |         |
| Mapletown Coal  |       |              | 970  | 975    |                   |             |         |
| Pittsburgh Coal |       |              | 1065 | 1070   |                   |             |         |
| Little Dunkard  |       |              | 1385 | 1405   |                   |             |         |
| Big Dunkard     |       |              | 1510 | 1550   |                   |             |         |
| Salt Sand       |       |              | 1800 | 2005   |                   |             |         |
| Big Lime        |       |              | 2140 | 2200   |                   |             |         |
| Big Injun Sand  |       |              | 2200 | 2450   |                   |             |         |
| Stray Sand      |       |              | 3005 | 3010   |                   |             |         |
| Gordon Sand     |       |              | 3036 | 3061   | Oil               | 3048        |         |
|                 |       |              |      |        | Oil               | 3056        |         |
| Total Depth     |       |              |      | 3061   |                   |             |         |

SHOT RECORD

Feb. 2nd, 1905, Shot with 40 qts. Top of Shot 3043'  
Aug. 16th, 1907 " " 60 " " " 3039'  
Aug. 4th, 1910 " " 60 " " " 3040'  
Aug. 17th, 1920 " " 60 " " " 3039'

