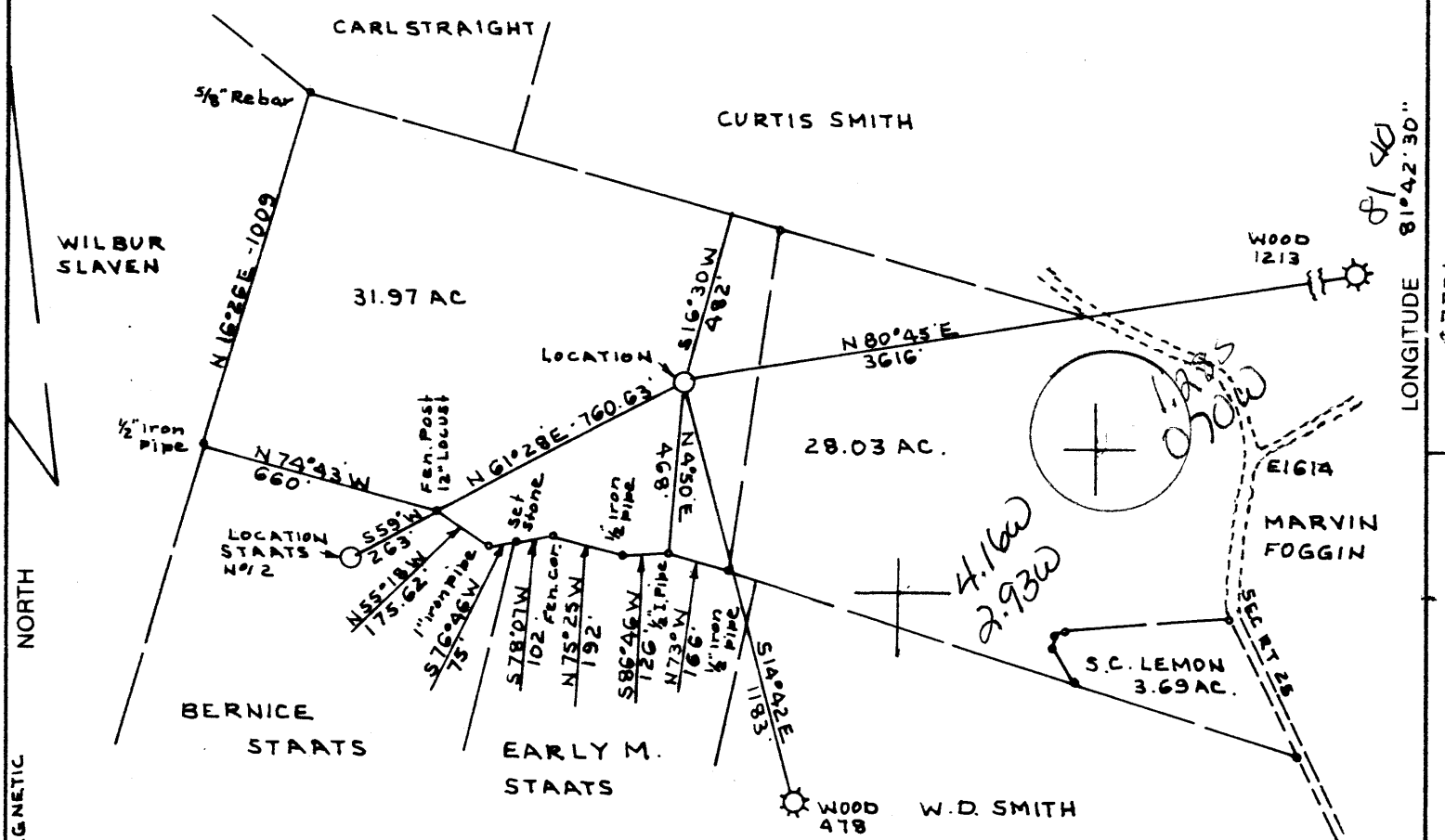


1770 8-20-85

3675 39°10

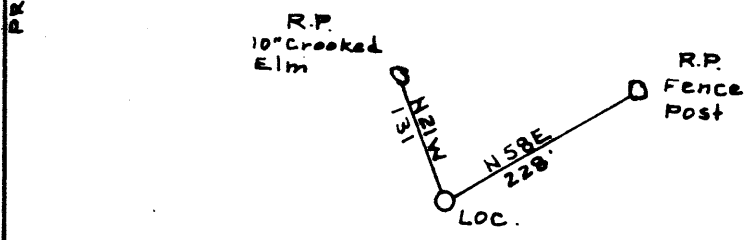
LATITUDE 39°07'30"

CODE \_\_\_\_\_ CARD \_\_\_\_\_ PLOT



PRESENT MAGNETIC NORTH

LONGITUDE 81°42'30" 81°40' 81°38'



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

FILE NO. BK 93 P 64  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION Road Forks 1600'± east of location El 614

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) C. J. Volley Jr.  
 R.P.E. \_\_\_\_\_ I.L.S. 92

PLACE SEAL HERE

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



DATE MAY 18, 1985  
 OPERATOR'S WELL NO. STRAIGHT #1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 750.16 WATERSHED SHORT RUN OF POND CREEK  
 DISTRICT HARRIS 2 COUNTY WOOD  
 QUADRANGLE POND CREEK 553 009 WC4  
 SURFACE OWNER CARL E. STRAIGHT ACREAGE 31.97  
 OIL & GAS ROYALTY OWNER MILDRED O. STRAIGHT LEASE ACREAGE 62  
 LEASE NO. 125121-000

STATE COUNTY PERMIT  
47-107-1375  
 CANCELLED 10-3-85  
 VIA DEP

PROPOSED WORK: DRILL X 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 ORISKANY ESTIMATED DEPTH 4600  
 WELL OPERATOR H.D. WELLS OIL & GAS INC. DESIGNATED AGENT H.D. WELLS III  
 ADDRESS P.O. BOX 1785 ADDRESS SAME  
 CHARLESTON, W.V. 25326

OCT 7 1985

COUNTY NAME PERMIT

FORM IV-6 (8-78) H.T. HALL

1200 820 85

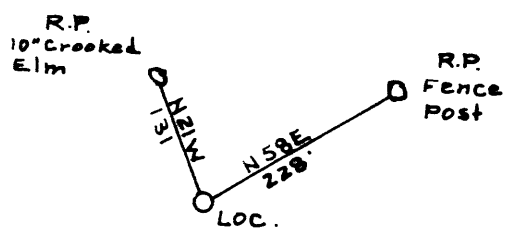
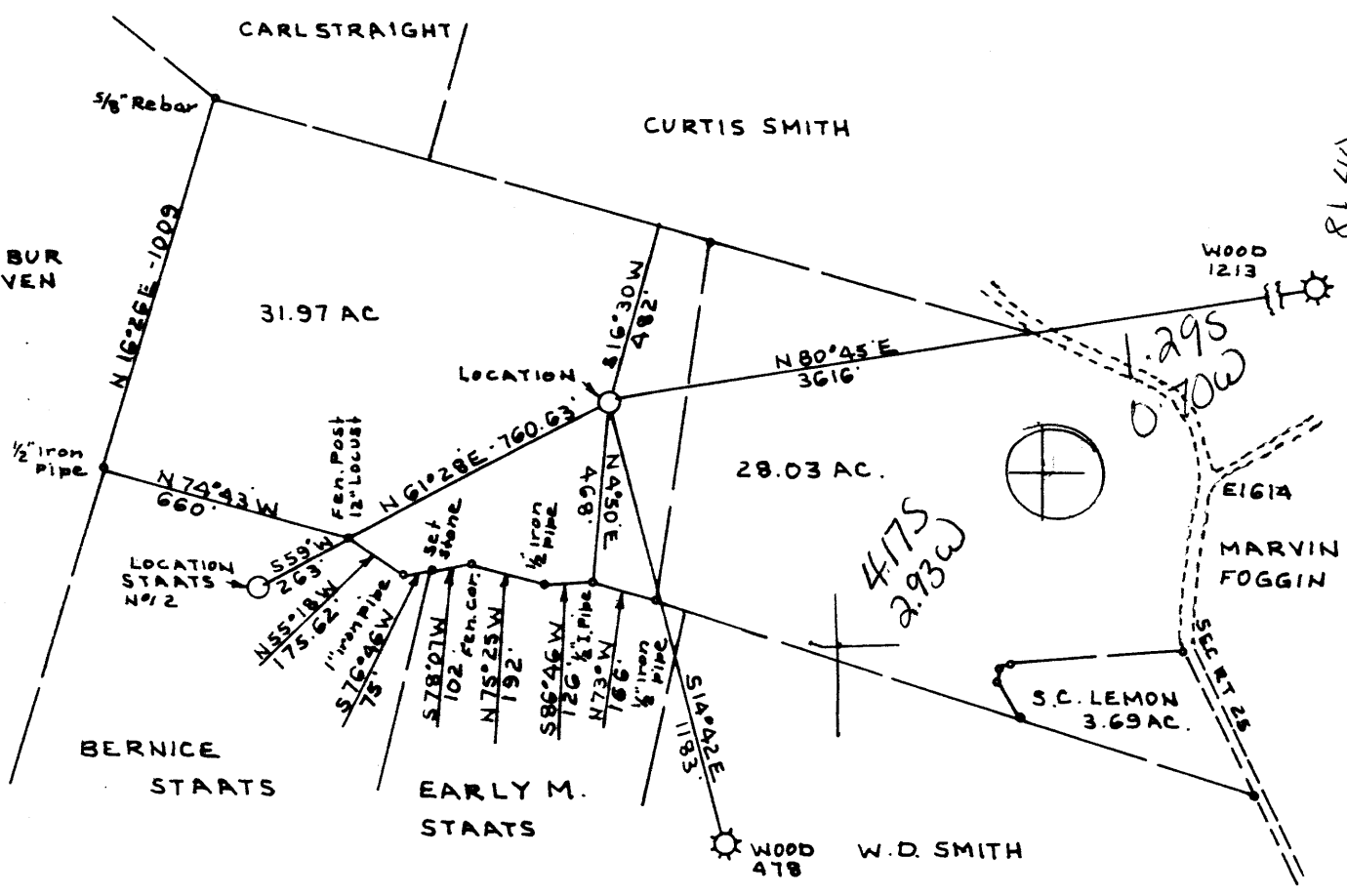
3675'

LATITUDE 39°07'30"  
39 10'

81°40'  
81°42'30"

LONGITUDE 57.75'

NORTH  
PRESENT MAGNETIC



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

FILE NO. BK 93 P 64  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION Road Forks 1600' ± east of location El 614

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) C. J. Valley Jr.  
 R.P.E. \_\_\_\_\_ L.S. 92

PLACE SEAL HERE

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



DATE MAY 18, 1985  
 OPERATOR'S WELL NO. STRAIGHT N#1  
 API WELL NO.

47 - 107 - 1375  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_

LOCATION: ELEVATION 750.16 WATERSHED SHORT RUN OF POND CREEK  
 DISTRICT HARRIS 2 COUNTY WOOD  
 QUADRANGLE POND CREEK 553 009 WC4

SURFACE OWNER CARL E. STRAIGHT ACREAGE 31.97  
 OIL & GAS ROYALTY OWNER MILDRED O. STRAIGHT LEASE ACREAGE 62  
 LEASE NO. 125121-000

PROPOSED WORK: DRILL X 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 \_\_\_ SEP 00 1985

TARGET FORMATION ORISKANY ESTIMATED DEPTH 4600  
 WELL OPERATOR H.D. WELLS OIL & GAS INC. DESIGNATED AGENT H.D. WELLS III  
 ADDRESS P.O. BOX 1785 443 ADDRESS SAME  
 CHARLESTON, W.V. 25326

COUNTY NAME

PERMIT

FORM IV-6 (8-78)

7/85

**RECEIVED**  
AUG 22 1985



1) Date: \_\_\_\_\_, 19\_\_\_\_  
2) Operator's Well No. Straight #1  
3) API Well No. 47 107 1375  
State County Permit

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

**APPLICATION FOR A WELL WORK PERMIT**

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep X / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 750.16' / Watershed: Short Run of Pond Creek  
District: Harris / County: Wood / Quadrangle: Pond Creek
- 6) WELL OPERATOR H.D. WELLS Oil & Gas / CODE: 52900 / 7) DESIGNATED AGENT H. D. Wells III  
Address P. O. Box 1785 943 / Address same  
Charleston, W. Va. 25326
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Glen R. Robinson  
Address Rt. 1, #6 Mt. Pleasant Estate  
Mineral Wells, WV 26150
- 9) DRILLING CONTRACTOR: Name \_\_\_\_\_ Address \_\_\_\_\_
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Oriskany Sandstone (Devonian) 475
- 12) Estimated depth of completed well, 4600 feet  
13) Approximate trata depths: Fresh, 150 feet; salt, \_\_\_\_\_ feet.  
14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	9-5/8	J55	36	X		180'	180'	By reg. 15.05	Sizes
Coal									Depths set
Intermediate	7"	J55	20	X		1990'	1990'	By reg. 15.05	
Production	4 1/2"	K55	10.5	X		4600'	4600'	By reg. 15.05	
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-107-1375

August 30/1985  
Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires August 30, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>✓</u>	Agent: <u>ALB</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>3629</u>	WPCP	S&E	Other
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*[Signature]*  
Director, Division of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.