

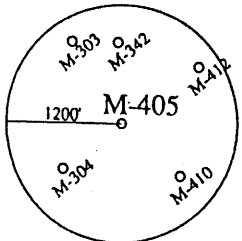
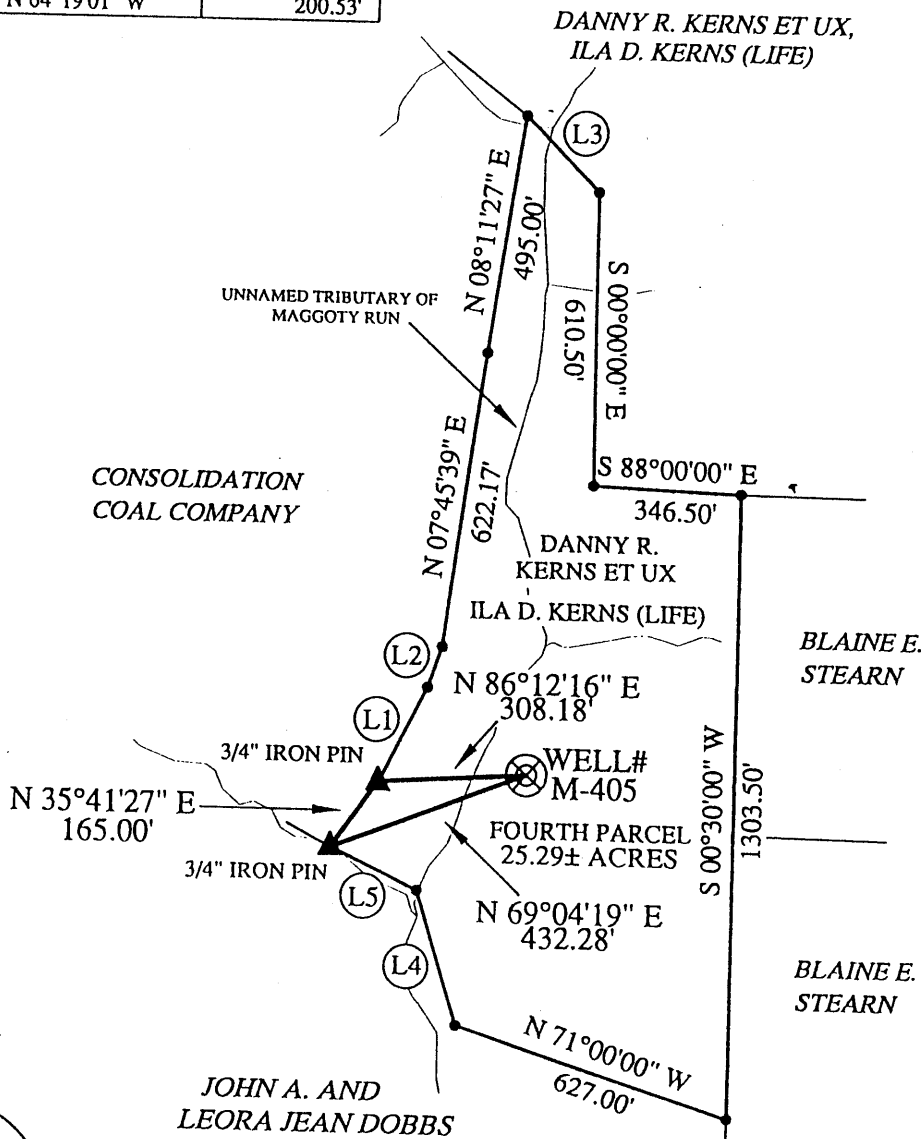
LATITUDE 39° 50' 00"

LINE	BEARING	DISTANCE
L1	N 26°41'27" E	219.45'
L2	N 18°26'27" E	90.09'
L3	S 54°00'00" E	214.50'
L4	N 17°00'00" W	297.00'
L5	N 64°19'01" W	200.53'

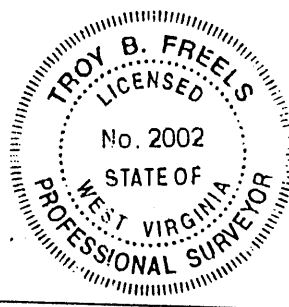
3,005'

NORTH

LONGITUDE 80° 37' 30"



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 RULES ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.



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

DATE OCTOBER 2, 20 02

OPERATORS WELL NO. M-405

API WELL NO. 47 - 51 - 00887P
 STATE COUNTY PERMIT
 W.V. 051 710054

P.S. 2002
 MINIMUM DEGREE OF ACCURACY: 1 / 2500 FILE NO.: WELL#M-118.DWG
 SCALE: 1" = 400'

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



PROVEN SOURCE OF ELEVATION: COMPANY NETWORK TIED INTO U.S.G.S.

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

LOCATION: ELEVATION: 1051.11' WATERSHED: UNNAMED TRIBUTARY OF MAGGOTY RUN
 DISTRICT: LIBERTY COUNTY: MARSHALL

SURFACE OWNER: DANNY R. KERNS ET UX, ILA D. KERNS (LIFE) QUADRANGLE: GLEN EASTON, WV 7.5'
 ROYALTY OWNER: _____ ACREAGE: 25.29± ACRES (DEED)

PROPOSED WORK: _____ LEASE ACREAGE: _____
 DRILL: _____ CONVERT: _____ DRILL DEEPER: _____ REDRILL: _____ LEASE NO.: _____
 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

MARS 0887P PERMIT

Liberty

Meade District, Marshall County, W. Va.
South Penn Oil Co.
2 mi. N. of Adaline.
Completed, Oct. 15, 1903.

7

	Top.	Bottom.
Native coal	466	471
Mapletown Coal	710	714
Pittsburgh Coal	800	804
Salt Sand	1370	1685
Big Lime	1895	1930
Big Injun Sand	1930	2175
Stray Sand	2725	2730
Gordon Sand	2764	2795
(1st pay, 2768-2772'; 2nd pay, 2788-2792')		
Total depth		2798

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