

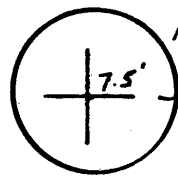
CL 8/18

9350'

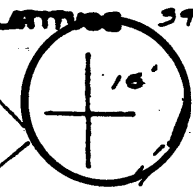
Plot Card

LATITUDE 39°-35'

0.66S
1.80W



HARRY FEISS
TM 4-58
100.5 Ac.



ZELMA COOPER
TM 4-32
2 Ac.

WM COOPER
TM 4-31
3 Ac.

JMS. STEWART
TM 4-33
40 Ac.

P. LANCASTER
TM 4-85
91.4 Ac.

LEWIS EDDY
TM 4-29
23.9 Ac.

JMS. EDDY
TM 4-86
31.5 Ac.

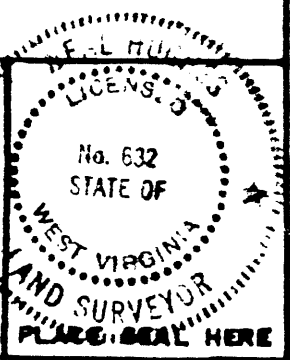
NORTH

LONGITUDE 80°-55'

3400'

FILE NO. L+M
DRAWING NO. 2
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/2.00
PROVEN SOURCE OF ELEVATION KNOS 12.5'

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) Neal Hughes
R.P.E. _____ L.L.S. 632



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



DATE AUG. 3, 19 81
OPERATOR'S WELL NO. 2
API WELL NO. 47-095-0937
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 1090 WATER SHED WILLOW RUN
DISTRICT LINCOLN COUNTY TYLER
QUADRANGLE PAREN CITY 7.5' New Martinsville SW
SURFACE OWNER PATRICK LANCASTER ET AL. ACREAGE 91.4
OIL & GAS ROYALTY OWNER ROBT. LOWTNER ET AL. LEASE ACREAGE 94.4
LEASE NO. _____

WVDEP database
aban. well
Comp. 9/15/81

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUS AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION Devonian Shale ESTIMATED DEPTH 4500'
WELL OPERATOR LT Petroleum Co. DESIGNATED AGENT David Clovis
ADDRESS P.O. Box 89 ADDRESS P.O. Box 288
Rene Ohio 45773 Parkersburg, W. Va. 26101

AUG 31 1981



FORM IV-2
(Obverse)
08-78)

Date: Aug 5, 1981

Operator's
Well No. A.B. Lowther #2

API Well No. 47 - 095 - 0937
State County Permit

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

OIL AND GAS WELL PERMIT

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

LOCATION: Elevation: 1090' Watershed: Willow Run
District: Lincoln County: Tyler Quadrangle: Paden City 7.5'

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

DESIGNATED AGENT David Clovis
Address P.O. Box 288
Parkersburg, WV 26101

OIL & GAS
ROYALTY OWNER Robert Lowther et al.
Address Middlebourne, W. Va.

COAL OPERATOR None
Address _____

Acreage 94.4

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Patrick Lancaster et ux.
Address Rt. 1
Middlebourne, W. Va.
Acreage 94.4

Name N/A
Address _____
Name N/A
Address _____

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name N/A
Address AUG 17 1981

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Lee Tracy
Address Rt. 23
Alma, W. Va. 26320

OIL & GAS DIVISION
DEPT. 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 Sept 1, 1971, to the undersigned well operator from A.B. and Grace
Lowther
(If said deed, lease, or other contract has been recorded:)

Recorded on Nov 23, 1971, in the office of the Clerk of the County Commission of Tyler County, West
Virginia in Deed Book 191 at page 59. A permit is requested as follows:

PROPOSED WORK: Drill / 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 the receipt of this Application by the
Department.

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 lessee on or before the day of the mailing or delivery of this Permit 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
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

BLANKET BOND

L&M Petroleum Co.
Well Operator
By Janne Logan
Its Vice President

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 X / Cable tools _____ /

Approximate water strata depths: Fresh, N/A feet; salt, N/A feet.

Approximate coal seam depths: N/A Is coal being mined in the area? Yes _____ / No X /

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	8 5/8			X		250'	250	To surface	Kinds
Fresh Water									
Coal									Sizes
Intermediate									
Production	4.5			X		4500 T.D.	4500 T.D.	450 150-165 sacks according to Rule 15.01	Depths set
Tubing									
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 4-19-82

[Signature]
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.

WAIVER

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 regulations.

Date: _____, 19 _____

By _____

Its _____