



Well No. Wetz #30
Farm Zelma Boley
API # 47-013-1315
Date 9-18-1981

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1078 Watershed: Broad Run
District: Washington County: Pleasants Quadrangle: Raven Rock Chn-WV

WELL OPERATOR LEB Oil Company Inc
Address 210 2nd ST
ST Marys W.Va. 26170

DESIGNATED AGENT Loren E Bagley
Address 210 2nd ST
ST Marys W.Va. 26170

OIL AND GAS ROYALTY OWNER Zelma Boley
Address R-16
ST Marys W.Va. 26170
Acreage 17.9

COAL OPERATOR N/A
Address _____

SURFACE OWNER Zelma Boley
Address R-16
ST Marys W.Va. 26170
Acreage 15

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME N/A
Address _____

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

NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME N/A
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Phil Tracy
Address R-3
Bima W.Va. 26320
Telephone 304-258-4573

RECEIVED
SEP 21 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 XX / other contract ___ / dated Jan 27th 1981, to the undersigned well operator from Norman E Wetz.

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

Recorded on Feb 2, 1981, in the office of the Clerk of County Commission of Pleasants County, West Virginia, in 161 Book at page 91. A permit is requested as follows:

PROPOSED WORK: Drill XX / 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

LEB Oil Company Inc
Well Operator
By: Loren E Bagley
Its: President

BLANKET BOND By: _____

(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 Ohio Shale

Estimated depth of completed well 5000 feet. Rotary ? / Cable tools ? /

Approximate water strata depths: Fresh, 86 feet; salt, _____ feet.

Approximate coal seam depths: N/A

Is coal being mined in this area: Yes ? No XX

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 Drill- ling			Left in Well
Conductor	10 3/4"	R-2	40.5 ^{lb}	✓		250'	250'	To Surface	Kinds
Fresh water									Sizes
Coal									
Intermed.	8 5/8"	R-2	23 ^{lb}	✓		1000'	1000'	To Surface	Depths set
Production	4 1/2"	R-2	10.5 ^{lb}	✓		5000'	5000'	By Rule 1501	
Tubing									Perforations:
Liners									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 5-28-82.

Fred B. Burchett
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: _____

Date 9-11 1981

Well No. WETZ #30

API No. 47-073 -
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name LTBOIL CO INC
Address 210 2ND ST, STMARYS, WVA
Telephone 684 9399
Landowner ZELMA BOLEY

Designated Agent LORENE BAGLEY
Address 210 2ND ST, STMARYS WVA
Telephone 684-9399
Soil Cons. District UPPER OHIO

Revegetation to be carried out by LORENE BAGLEY (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan. 9/15/81 (Date) Summit D. Ham (SCD Agent)

<u>Access Road</u>		<u>Location</u>	
Structure <u>NONE</u>	(A)	Structure <u>PIT</u>	(1)
Spacing _____		Material _____	
Page Ref. Manual _____		Page Ref. Manual _____	
Structure _____	(B)	Structure <u>CUT 6'</u>	(2)
Spacing _____		Material _____	
Page Ref. Manual _____		Page Ref. Manual _____	
Structure _____	(C)	Structure _____	(3)
Spacing _____		Material _____	
Page Ref. Manual _____		Page Ref. Manual _____	

All structures should be inspected regularly and repaired if necessary.

Revegetation

Treatment Area I

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY OR STRAW 2 Tons/acre

Seed* KY 31 FESCUE 30 lbs/acre
BIRDS FOOT TREFOIL 10 lbs/acre
_____ lbs/acre

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

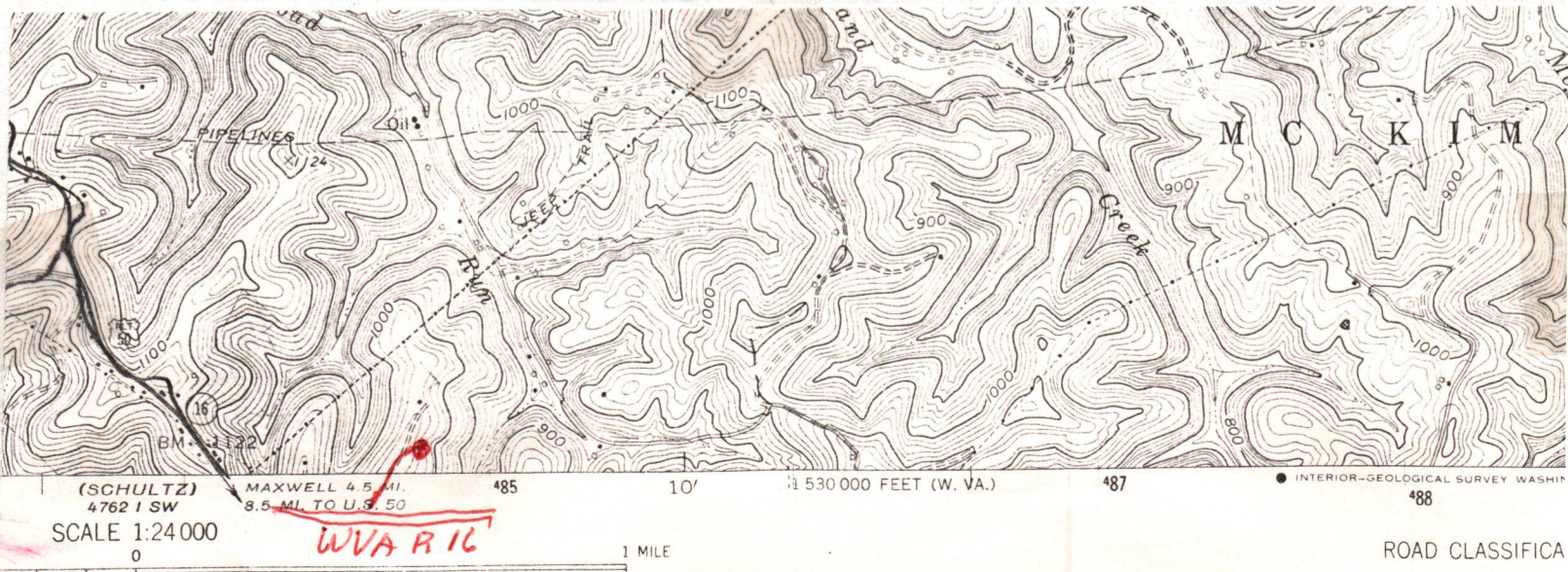
Mulch HAY OR STRAW 2 Tons/acre

Seed* KY 31 FESCUE 30 lbs/acre
BIRDS FOOT TREFOIL 10 lbs/acre
_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Attach or photocopy section of involved Topographic map. Quadrangle RAVEN ROCK
OHIO-WVA

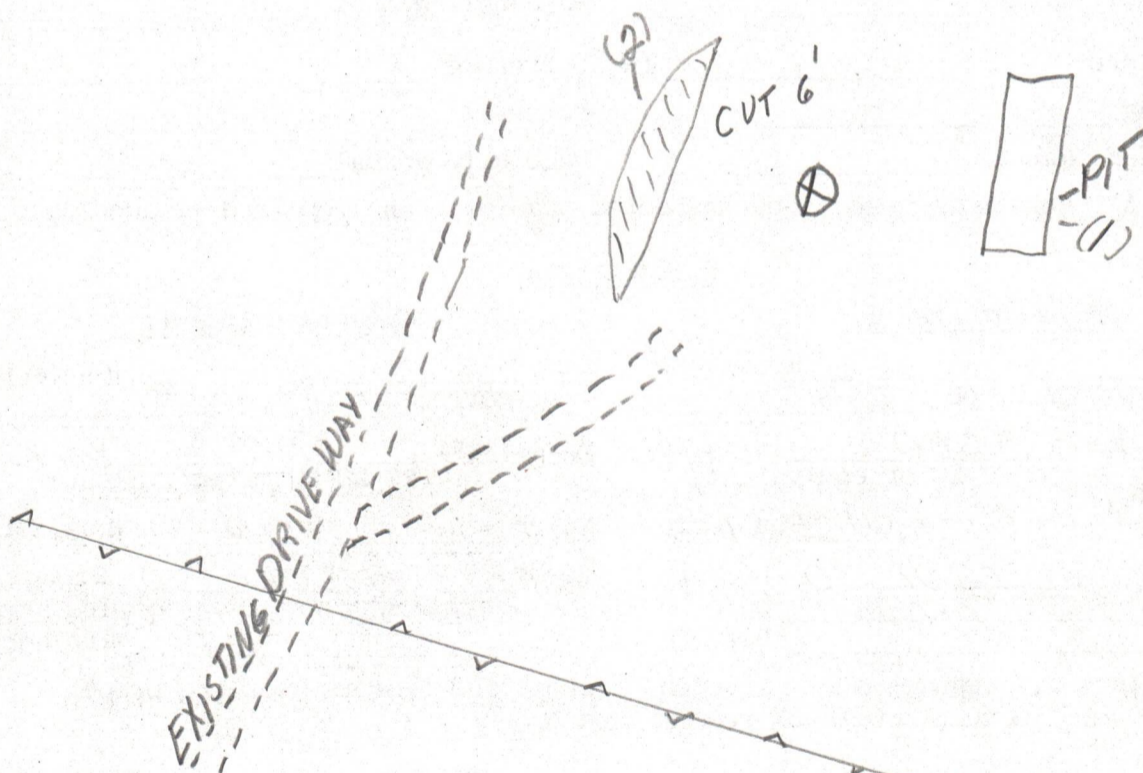
Legend: Well Site
Access Road



Well Site Plan

- | | | | |
|---------------------------|--|------------|--|
| Legend: Property Boundary | | Diversion | |
| Road | | Spring | |
| Existing Fence | | Wet Spot | |
| Planned Fence | | Building | |
| Stream | | Drain Pipe | |
| Open Ditch | | Waterway | |

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



Comments: LOCATION IS IN MIXED SECOND GROWTH TIMBER IT WILL BE CUT + BURNED, THERE WILL BE ABOUT A 6' CUT TO LEVEL SITE.

ACCESS ROAD + WELL SITE IS ON A RIDGE THERE WILL BE NO DRAINAGE AREA,

Signature: Carl W. Nolan 219 2ND ST. ST. MARYS WVA 684-9399
 Agent Address Phone Number

Please request landowners cooperation to protect new seeding for one growing season.

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Natural

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale			0	40	
Sand			40	75	
Shale			75	150	
Lime			150	200	
Shale			200	250	
Sand			250	285	
Shale			285	400	
Sand			400	465	
Gray Shale			465	540	
Red Rock			540	875	
Lime			875	900	
Red & Gray Shale			900	925	
Sand			925	965	
Shale			965	970	
Lime			970	1010	
Sand			1010	1137	
Shale			1137	1700	
Sand			1700	1746T.D.	Oil & Gas

(Attach separate sheets as necessary)

L. & B. Oil Company, Inc.
Well Operator
By: Bernard Jice President
Date: July 12, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including sand, encountered in the drilling of a well."

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
STATUS INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED

OCT 22 1984

OIL & GAS DIVISION

DEPT. OF MINES

Permit No. 073-1315 County. Pleasants
 Company. L & B Oil Company, Inc. Farm. Zelma Boley
 Inspector. Robert Lowther Well No. Wetz #30
 Date. August 31, 1984 Issued. 9-28-81

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	<u>✓</u>	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	<u>✓</u>	_____
25.01	Necessary Equipment to prevent Waste	<u>✓</u>	_____
23.03	Reclaimed Drilling Site	<u>✓</u>	_____
23.04	Reclaimed Drilling Pits	<u>✓</u>	_____
23.05	No Surface or Underground Pollution	<u>✓</u>	_____
7.03	Identification Markings	<u>✓</u>	_____

COMMENTS: ~~_____~~
~~_____~~ This well was drilled, well site has
 been Re Claimed

I have inspected the above well and (Have/Have Not) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas-Department of Mines of the State of West Virginia.

SIGNED: R. Lowther N.P.W.

DATE: _____



State of West Virginia
 Department of Mines
 Oil and Gas Division
 Charleston 25305

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

January 9, 1985

L & B Oil Company, Inc.
 Kodiak Petroleum Co.
 210 Second Street
 St. Mary's, WV 26170

In Re: PERMIT NO: 47-073-1315
 FARM: Zelma Boley
 WELL NO: Wetz. #30
 DISTRICT: Washington
 COUNTY: Pleasants
 ISSUED: 9-28-81

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

The well designated by the above permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator
 Office of Oil & Gas - Dept. Mines

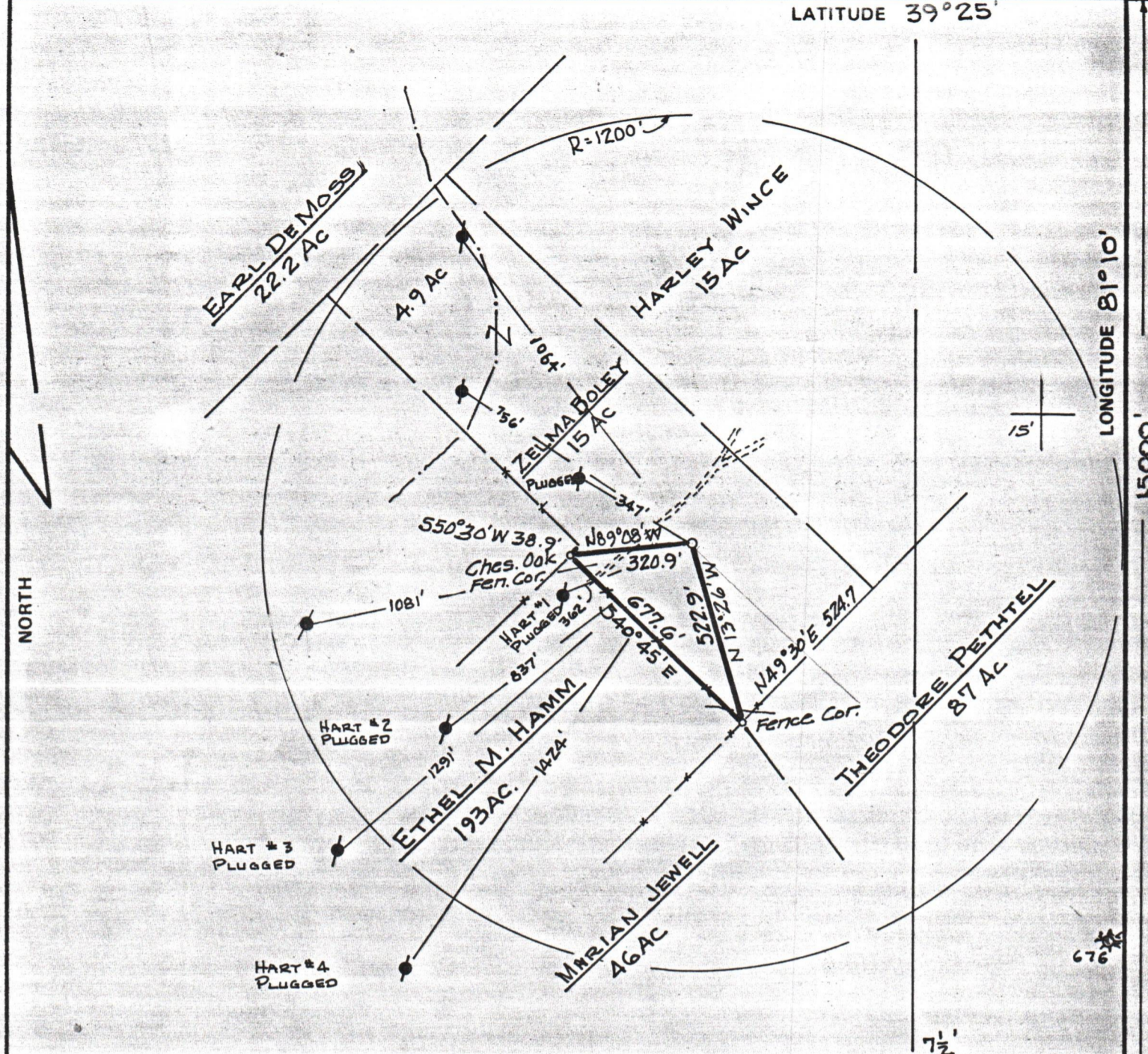
ch 9/23

2900'

LATITUDE 39°25'

LONGITUDE 81°10'

15000'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1:2000
 PROVEN SOURCE OF ELEVATION USGS BM B134
2300' West of well Elev 1122

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) Kenneth Webb
 R.P.E. _____ L.L.S. 369

PLACE SEAL HERE

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



DATE Aug 29, 19 81
 OPERATOR'S WELL NO. WETZ #30
 API WELL NO. _____
47 - 073 - 1315
 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 1078 WATER SHED BROAD RUN
 DISTRICT WASHINGTON COUNTY PLEASANTS
 QUADRANGLE RAVENROCK, OHIO - W. VA
 SURFACE OWNER ZELMA BOLEY ACREAGE 15 AC
 OIL & GAS ROYALTY OWNER ZELMA BOLEY LEASE ACREAGE 19.9 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 DEVONIAN SHALE ESTIMATED DEPTH 5000'
 WELL OPERATOR L & B OIL CO DESIGNATED AGENT LOREN BAGLEY
 ADDRESS 210 2ND STREET ADDRESS 210 2ND STREET
ST. MARYS W. VA ST. MARYS, W. VA.