

RECEIVED

APR 19 1985



1) Date: April 15, 1985
 2) Operator's Well No. Righter #5
 3) API Well No. 47 - 033 - 3193
 State County Permit
 3193

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

OIL & GAS DIV.
 DEPT. OF MINES

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 1382' Watershed: Tributary of Shinners Run
 District: Clay County: Harrison Quadrangle: Rosemont 7 1/2'
- 6) WELL OPERATOR McAlpin Minerals, Inc. 7) DESIGNATED AGENT Melissa Malcomb
 Address 333 E. Main Street Address 333 E. Main Street
 Bridgeport, WV 26330 30725 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Stephen Casey Name Unknown
 Address Rt. 2, Box 232-D Address _____
 Jane Lew, WV 26378
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Fifth Sand
- 12) Estimated depth of completed well, 3000' feet
- 13) Approximate strata depths: Fresh, 60 feet; salt, 350', 600' feet.
- 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No _____

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	11 3/4	K-55	42#		XX	20'	0'		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J-55	20#	XX		700'	700'	Circulate to Surface	
Production	4 1/2	J-55	10.5#	XX			2950'		Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47 - 033 - 3193 Date April 19, 1985

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 April 19, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: SB	Agent: ✓ MH	Plat: MH	Casing: MH	Fee: 293
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Margaret J. Hesse
 Administrator, Office of Oil and Gas

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

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.



RECEIVED

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: District: _____ County: _____ Township: _____ Elevation: _____

2) WELL OPERATOR: _____ Address: _____

3) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: _____ Address: _____

4) PROPOSED WELL WORK: _____

5) GEOLOGICAL TARGET FORMATION: _____

6) APPROXIMATE COAL SEAM DEPTH: _____

7) APPROXIMATE TRAIL DEPTH: _____

8) ESTIMATED DEPTH OF COMPLETED WELL: _____

9) OTHER PHYSICAL CHANGE IN WELL (SPECIFY): _____

10) PLUG OLD FORMATION: _____

11) PERFORM NEW FORMATION: _____

12) IS COAL BEING MINED IN THE AREA? Yes _____ No _____

OFFICE USE ONLY

Casing or Tubing Type	Size	Class	Weight per ft.	Specifications		Footage Intervals	Cement/Grout	Backers
				Use	Notes			
Conductor	12 1/4	K-55	42.5	XX		0-201	OK	
Intermediate	8 1/2	J-55	28.7	XX		201-700	OK	
Production	4 1/2	J-55	10.94	XX		700-700	OK	

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Date	Date(s)
Application received	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason: _____

Reason: _____

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Charles Righter, et ux	McAlpin Minerals, Inc.	1/8	1134	228

1) Date: April 15, 1985
2) Operator's Well No. Righter #5
3) API Well No. 47 - 033 - 3193
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Charles L. Righter,
Address Rt. 2
Shinnston, WV 26431

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR _____
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Clay Development Company
Address P.O. Box 548
Shinnston, WV 26431

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Melissa L. Malcomb

this 15 day of April, 19 85.

My commission expires 10-31, 1994.

Mary L. Stealy
Notary Public, Harrison County,
State of West Virginia

WELL

OPERATOR MCALPIN MINERALS, INC.

By [Signature]
Its [Signature]

Address 333 E. Main Street, Suite D
Bridgeport, WV 26330

Telephone 304-842-3619



1) Date: April 15, 1985
 2) Operator's Well No. Righter #5
 3) API Well No. 47 - 033 -
 State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil _____ / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX)
- 5) LOCATION: Elevation: 1382' Watershed: Tributary of Shinnong Run
 District: Clay County: Harrison Quadrangle: Rosemont 7 1/2'
- 6) WELL OPERATOR McAlpin Minerals, Inc. 7) DESIGNATED AGENT Malissa Malcolm
 Address 333 E. Main Street Address 333 E. Main Street
Bridgeport, WV 26330 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Stephan Casay Name Unknown
 Address Rt. 2, Box 232-D Address _____
Jane Lw, WV 26378
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Fifth Sand
- 12) Estimated depth of completed well, 3000' feet
- 13) Approximate trata depths: Fresh, 60 feet; salt, 350', 600' feet.
- 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No _____

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		
Conductor	11 3/4	K-55	42#		XX	20'	0'	Kind
Fresh water								Sizes
Coal								Depth
Intermediate	8 5/8	J-55	20#	XX		700'	700'	Perforations
Production	4 1/2	J-55	0.5#	XX			2950'	Top Bottom
Tubing								
Liners								

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 OIL & GAS DIV.
 DEPT. OF MINES

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

Charles L. Righter Date: 4-16-85
 (Signature)

By _____

 (Signature) Date: _____

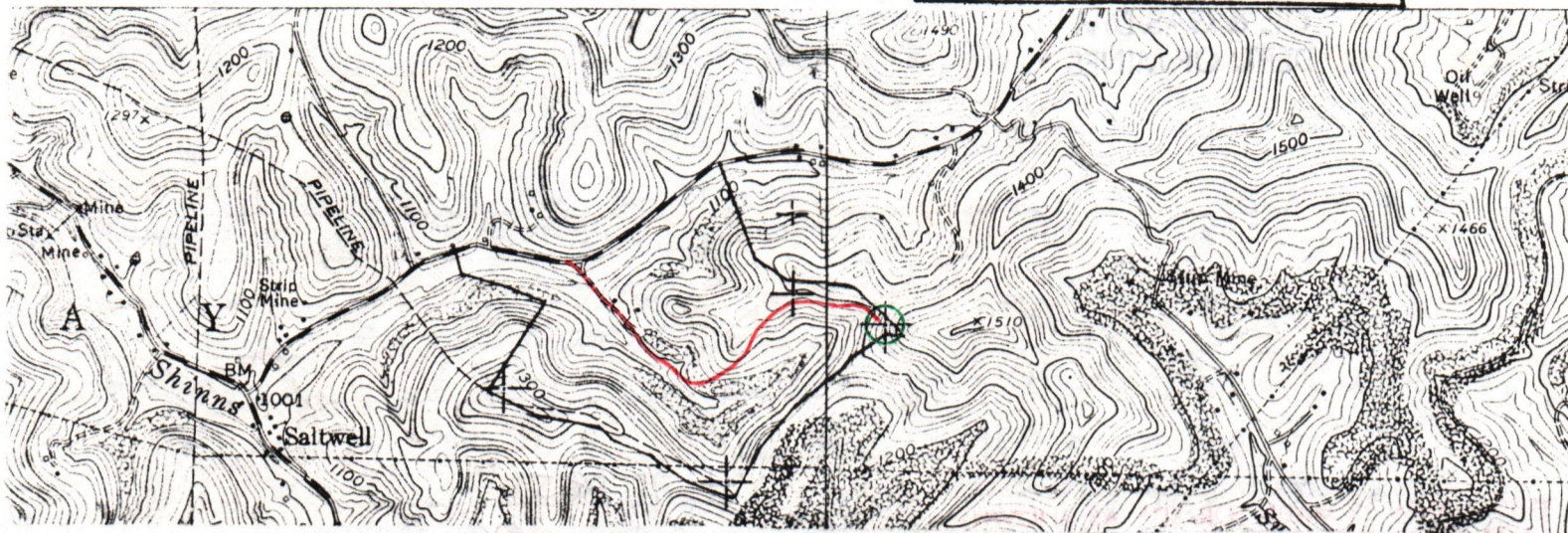
Its _____ Date _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE CLARKSBURG/ROSEMONT

LEGEND

Well Site ⊕

Access Road ————



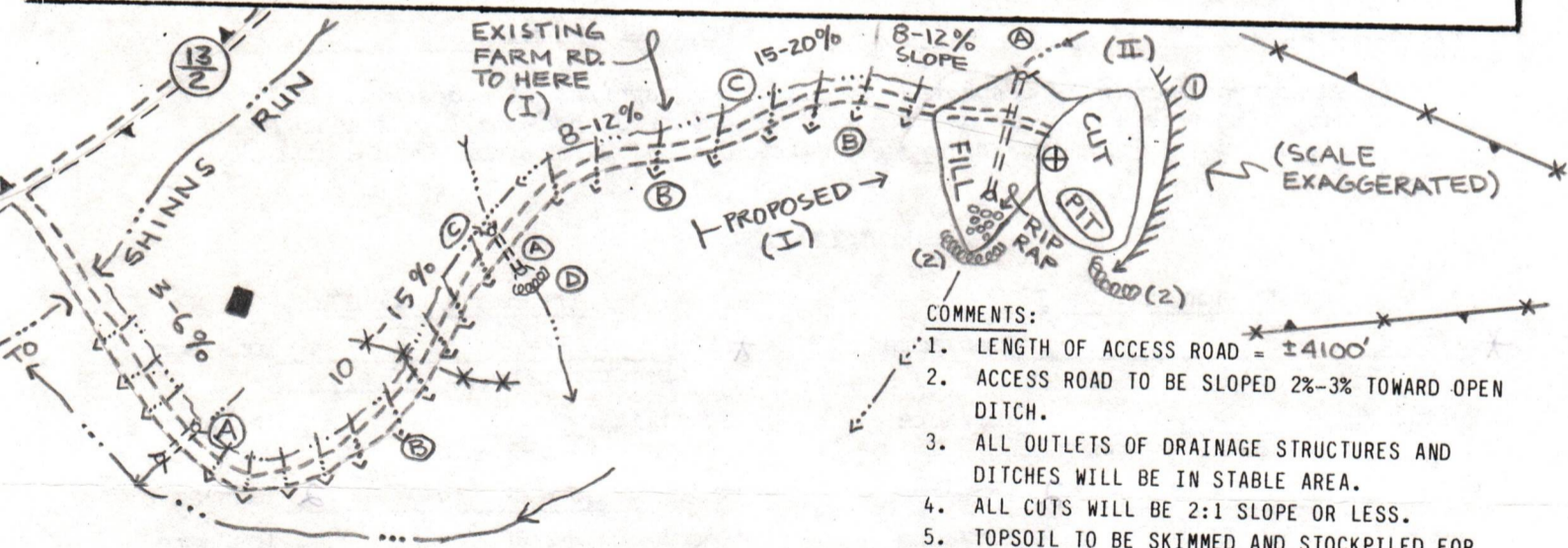
WELL SITE PLAN

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

LEGEND

- Property boundary ————
- Road = = = = =
- Existing fence — x — x —
- Planned fence — / — / —
- Stream ~ ~ ~ ~ ~
- Open ditch ————>

- Diversion // // // // //
- Spring ○ →
- Wet spot ♀
- Building ■
- Drain pipe — ○ — ○ — ○ —
- Waterway ← = = = = =



COMMENTS:

1. LENGTH OF ACCESS ROAD = ±4100'
2. ACCESS ROAD TO BE SLOPED 2%-3% TOWARD OPEN DITCH.
3. ALL OUTLETS OF DRAINAGE STRUCTURES AND DITCHES WILL BE IN STABLE AREA.
4. ALL CUTS WILL BE 2:1 SLOPE OR LESS.
5. TOPSOIL TO BE SKIMMED AND STOCKPILED FOR USE IN RECLAMATION.
6. SLOPE OF ACCESS ROAD NOWHERE TO EXCEED 20%.
7. FIRST SECTION OF ACCESS ROAD ALREADY IMPROVED FOR OPEN PIT MINING PURPOSES.
8. SLOPES EXCEEDING 14% TO BE STONED HEAVILY.
9. SITE ON WOODED HILLSIDE.
10. BRUSH TO BE CUT AT SITE AND USED AS RIP RAP IN DRAIN.
11. TREES TO BE CUT AND STACKED AT SITE.
12. Natural vegetation (filter strip) will remain undisturbed in areas between construction & natural water courses.
13. Place staked hay bales in ditch line for sediment control.

IV-9
(Rev 8-81)

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APR 19 1985

OIL & GAS DIV.
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

DATE 2 APRIL 1985
WELL NO. RIGHTER #5
API NO. 047 - 033 - 3193

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME McALPIN MINERALS, INC. DESIGNATED AGENT MELISSA MALCOMB
Address 333 E. MAIN ST., SUITE D BRDGPT WV 26330 Address 333 E. MAIN ST., SUITE D, BRDGPT, WV 26330
Telephone 304-842-3619 Telephone 304-842-3619
LANDOWNER CHARLES L. RIGHTER SOIL CONS. DISTRICT WEST FORK
Revegetation to be carried out by McALPIN MINERALS, INC. (Agent)

This plan has been reviewed by WEST FORK SCD. All corrections

and additions become a part of this plan:

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WFSCD.

4/17/85
(Date)
Kenneth E Right
(SCD Agent)

ACCESS ROAD

LOCATION

Structure STEEL CULVERTS (15" MIN.) (A)
(accord. to O&G Manual) at natural drains
Spacing (AT CROSS DRAINS)
with riprapped outlet
Page Ref. Manual 2:7 - 2:11

Structure DIVERSION DITCH (1)
Material EARTHEN
Page Ref. Manual 2:12

Structure CROSS DRAINS (B)
Spacing 45' TO 400' AS NEEDED (TABLE 1 P. 2-4)
with riprapped outlet
Page Ref. Manual 2:1

Structure SEDIMENT BASIN (2) & (D)
Material EARTHEN & HAY BALES (stacked)
Page Ref. Manual 2:22 & 2-23

Structure DRAINAGE DITCH (C)
Spacing N.A. Inside road cuts
Page Ref. Manual 2:12

Structure _____ (3)
Material _____
Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins. Top soil to be stock piled.

REVEGETATION

Treatment Area I

Treatment Area II

*Lime 2 - 3 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 40 lbs/acre
RED CLOVER & PASTURE MIX lbs/acre
5 lbs/acre

*Lime 2-3 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 40 lbs/acre
RED CLOVER & PASTURE MIX 5 lbs/acre
lbs/acre

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

*Lime according to pH test. PLAN PREPARED BY WILLIAM AMBROSE, L.L.S.

Notes: Please request landowners cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments

ADDRESS ROUTE #2 BOX #51A
WALKER WEST VIRGINIA 26180
PHONE NO. (304)-679-3970



1) Date: April 15, 19 85
 2) Operator's Well No. Righter #5
 3) API Well No. 47 - 033 - 3193
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas XX /
 B (If "Gas", Production XX / Underground storage / Deep / Shallow XX /)
- 5) LOCATION: Elevation: 1382' / Watershed: Tributary of Shinn's Run
 District: Clay / County: Harrison / Quadrangle: Rosemont 74'
- 6) WELL OPERATOR McAlpin Minerals, Inc. / 7) DESIGNATED AGENT Melissa Malcomb
 Address 333 E. Main Street / Address 333 E. Main Street
Bridgeport, WV 26330 / Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED / 9) DRILLING CONTRACTOR:
 Name Stephen Casey / Name Unknown
 Address Rt. 2, Box 232-D / Address
Jenn Lew, WV 26378 /
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Fifth Sand
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CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling		
Conductor	11 3/4	K-55	42#		XX	20'	0'	DEPT. OF MINES OIL & GAS DIV. APR 19 1985 RECEIVED Kinds Sizes Depths set Perforations Top Bottom
Fresh water								
Coal								
Intermediate	8 5/8	J-55	20#	XX		700'	700'	
Production	4 1/2	J-55	10.5#	XX			2950'	
Tubing								
Liners								

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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.

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 the filing of the Application.

WAIVER

The undersigned coal operator / owner X / 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: APRIL 19, 19 85

CLAY DEVELOPMENT, Inc.
 By [Signature]
 Its PRESIDENT

RECEIVED
MAY 31 1985

PRESCRIPTION NOT TO BURY
PRODUCTION OR GATHERING LINE

OIL & GAS DIVISION
DEPT. OF MINES

Pursuant to Regulation 23.07(d) of the General Regulations of the Office of Oil and Gas, West Virginia Department of Mines, the undersigned states that:

(1) The undersigned is/are the owner(s) of record of --
XX the surface

or

 an interest in the surface

-- of a tract of land described as follows:

Acres 171.87
Watershed Tributary of Shinns Run
District Clay
County Harrison
Public road access County Route 13/2
Generally used farm name Righter

(2) The undersigned realize(s) that a production or gathering pipeline is to be installed across the referenced surface tract in connection with the operation of the well identified below:

Well Operator McAlpin Minerals, Inc.
Address 333 East Main Street, Bridgeport, WV 26330
Telephone 304-842-3619
Well: API Permit No. 47- 033 - 3193 ;

(3) For sufficient and satisfactory reasons, the undersigned hereby prescribe that as far as the surface interest owned by the undersigned is/are concerned, the production or gathering pipeline need not be buried as follows:

XX On any part of the surface tract identified above.

or

 On the following parts of the surface tract identified above:

From In open pasture area where lines not located along fence line to
From as per verbal agreement of May 22, 1985 to
From to

(For execution by corporation,
partnership, etc.)

(For execution by natural persons)

NAME: McAlpin Minerals
By Charles L. Malcomb
Its President Date: 5-22-85

Charles L. Righter Date: May 22, 1985
(Signature)
Edell W. Righter Date: May 22, 1985
(Signature)

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MAY 3 1 1961

DEPT. of MINES
OIL & GAS DIVISION

McAlpin Minerals, Inc.

RECEIVED
MAY 31 1985

OIL & GAS DIVISION
DEPT. OF MINES

333 EAST MAIN STREET — SUITE D
BRIDGEPORT, WEST VIRGINIA 26330

C.L. MALCOMB
President

May 29, 1985

State of West Virginia
Department of Mines
Oil and Gas Division
1615 Washington Street, East
Charleston, WV 25305

Gentlemen:

Enclosed please find two signed "Prescription Not To Bury
Production or Gathering Line" Forms. These forms cover two
wells completed by McAlpin Minerals on the Righter property.

Sincerely,

MCALPIN MINERALS, INC.

Mary L. Zannino
Mary L. Zannino

mlz

Enclosure

033-3193

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

FIRST STAGE: Fourth and Fifth Sands; 2660-2668 w/4 Holes; Waterfrac with Nitrogen Assist;
 2786-2790 w/4 Holes;
 2809-2814 w/5 Holes; 4200# 80/100 Sand;
 20600# 20/40 Sand; 20000# 10/20 Sand;
 585 BBLs. Sand Laden Fluid.

SECOND STAGE: Gordon; 2429-2439 w/10 Holes; Waterfrac
 4500# 80/100 Sand; 20000# 20/40 Sand
 285 BBL. Sand Laden Fluid.

THIRD STAGE: Keener and Big Injun; 1778-1784 w/4 Holes, Waterfrac with Nitrogen Assist;
 1814-1842 w/10 Holes; 3200# 80/100 Sand;
 36100# 20/40 Sand;
 450 BBLs. Sand Laden Fluid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand and Shale			0'	53'	
Shale			53'	67'	1/2" Stream of Water @ 68'
Sand			67'	109'	
Sand and Shale			109'	256'	
Coal and Shale Streaks			256'	263'	
Shale and Sand			263'	395'	1" Stream of Water @ 320'
Shale and Red Rock			395'	675'	
Sand and Shale			675'	742'	TD 10-5/8" Hole @ 742'
Sand and Shale			742'	1059'	Dusting @ 746'; Hole wet @ 1048'
Shale			1059'	1130'	
Sand			1130'	1335'	
Shale and Red Rock			1335'	1690'	Gas Check @ 1519' - Odor
Big Lime			1690'	1780'	
Big Injun			1780'	1845'	
Shale and Sand			1845'	2020'	Gas Check @ 2014' - 20/10 thru 2"
Red Rock and Shale			2020'	2033'	
Shale and Sand			2033'	2110'	
Red Rock and Shale			2110'	2160'	
Sand and Shale			2160'	2273'	
Fifty Foot			2273'	2330'	
Sand and Shale			2330'	2627'	Gas Check @ 2536' - 10/10 thru 2"
Fourth Sand			2627'	2780'	Gas Check @ 2813' - 6/10 thru 2"
Fifth Sand; TD			2780'		Gas Check @ 2904' - 4/10 thru 2" Gas Check @ 2975'(TD)
<u>Log Tops</u>					
Big Lime		1700			
Big Injun		1791			
Fifty Foot		2254			
Gordon		2426			
Fourth Sand		2634			
Fifth Sand		2785			
Total Depth		2963			

(Attach separate sheets as necessary)

DEPT. OF MINES
 RECEIVED

MCALPIN MINERALS, INC.

Well Operator

By: *[Signature]*

Its Consultant

Date: May 22, 1985

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 ..., encountered in the drilling of a well."



RECEIVED
MAY 28 1985

DEPT. OF MINES
OIL & GAS DIVISION
OF
DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date May 22, 1985
Operator's Well No. 5
Farm Righter
API No. 47 - 033 - 3193

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas XX / Liquid Injection / Waste Disposal / (If "Gas," Production XX / Underground Storage / Deep / Shallow XX /)

LOCATION: Elevation: 1382' Watershed Tributary of Shinn's Run

District: Clay County Harrison Quadrangle Rosemont 7.5'

COMPANY McAlpin Minerals, Inc.

ADDRESS 333 East Main St., Bridgeport, WV 26330

DESIGNATED AGENT Melissa Malcomb

ADDRESS 333 East Main St., Bridgeport, WV 26330

SURFACE OWNER Charles Righter

ADDRESS Rt. 2, Shinnston, WV 26431

MINERAL RIGHTS OWNER Charles Righter

ADDRESS Rt. 2, Shinnston, WV 26431

OIL AND GAS INSPECTOR FOR THIS WORK Stephen

ADDRESS Rt. 2, Box 232-D

ADDRESS Casey

PERMIT ISSUED April 19, 1985

DRILLING COMMENCED April 29, 1985

IF APPLICABLE: PLUGGING OF DRY HOLE ON

CONTINUOUS PROGRESSION FROM DRILLING OR

REWORKING. VERBAL PERMISSION OBTAINED

ON

GEOLOGICAL TARGET FORMATION

Fifth Sand

Depth 3000 feet

Depth of completed well 2975 feet Rotary X / Cable Tools

Water strata depth: Fresh 68', 320' feet; Salt feet

Coal seam depths: 256-263' Is coal being mined in the area? NO

OPEN FLOW DATA

2660-2668

2786-2790

2809-2814

Producing formation Fourth and Fifth Sands Pay zone depth 2809-2814 feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow Bbl/d

Final open flow 702 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 600 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation Gordon Pay zone depth 2429-2439 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow * Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

*Comingled with first zone.

*Third Producing Formation - Big Injun - Pay Zone Depth 1778-1842'

(Continue on reverse side)

HARD COPY

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

RECEIVED

MAY 3 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-3193

Oil or Gas Well _____
(KIND)

Company <u>McAlpine Minerals</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>C Righter</u>	16			Kind of Packer _____
Well No. <u>5</u>	13			
District <u>Clay</u> County <u>Harr.</u>	10			Size of _____
Drilling commenced <u>4-29-85</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
OIL _____ bbls., 1st 24 hrs.				
Fresh water <u>68</u> feet <u>320</u> feet				
Salt water _____ feet _____ feet				

CASING CEMENTED 8 5/8 SIZE 712' No. FT. 215 Date 5/1/85

NAME OF SERVICE COMPANY Halliburton

COAL WAS ENCOUNTERED AT 256 FEET 84 INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

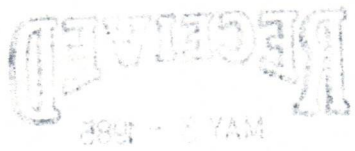
Drillers' Names UDI II

Remarks: dr. at 1185'

5-1-85
DATE

Steve Casey
DISTRICT WELL INSPECTOR

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



INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
CEMENT-THICKNESS	PLUGS USED AND DEPTH PLACED		LEAD	CONSTRUCTION-LOCATION	CASING AND TUBING		
	WOOD-SIZE				RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
NOV 01 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Company: MCALPIN MINERALS
Farm: RIGHTER, CHARLES L.

Well: RIGHTER #5

Permit No. 47- 33-3193 (4-19-85)
County: HARRISON

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	-----	-----
15.04	Adequate Cement Strength	-----	-----
15.05	Cement Type	-----	-----
25.02	Maintained Access Roads	-----	-----
25.01	Necessary Equipment to Prevent Waste	-----	-----
23.04	Reclaimed Drilling Pits	-----	-----
23.05	No Surface or Underground Pollution	-----	-----
23.07	Requirements for Production & Gathering Pipelines	-----	-----
16.01	Well Records on Site	-----	-----
16.02	Well Records Filed	-----	-----
16.05	Identification Markings	-----	-----

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Steve Carter
DATE 10-30-85

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

T.H. Abbott
Administrator

November 5, 1985
Date

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47 - 033 - 3193</u>			
2.0 Type of determination being sought (Use the codes found on the front of this form)	<u>103</u> Section of NGPA	Category Code		
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)	<u>2,814</u> feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>McAlpin Minerals, Inc.</u> Name		Section Code	
	<u>333 East Main Street</u> Street			
	<u>Bridgeport, WV 26330</u> City		State	Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>Clay District</u> Field Name			
	<u>Harrison</u> County		<u>WV</u> State	
(b) For OCS wells	Area Name		Block Number	
	Date of Lease:		OCS Lease Number	
	<u> </u> Mo.	<u> </u> Day	<u> </u> Yr.	
(c) Name and identification number of this well (35 letters and digits maximum.)	<u>Righter #5</u>			
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Eastern Pipeline Corporation</u> Name		Buyer Code	
(b) Date of the contract:	<u>03 15 84</u> Mo. Day Yr.			
(c) Estimated annual production	<u>28</u> MMcf.			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
	<u>2.869</u>	---	---	<u>2.869</u>
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	<u>2.869</u>	---	---	<u>2.869</u>
9.0 Person responsible for this application	<u>Charles Malcomb</u> <u>President</u> Name Title			
Agency Use Only	<u>Charles Malcomb</u> Signature			
Date Received by JUNE Agency MAY 28 1985	<u>May 22, 1985</u> Date Application is Completed		<u>304-842-3619</u> Phone Number	
Date Received by FERC				

DATE: JUN 14 1985

BUYER-SELLER CODE

PARTICIPANTS:

WELL OPERATOR:

McAlpin Minerals 30725

FIRST PURCHASER:

Eastern Pipeline Corporation P621

OTHER:

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

850528-1030-033 = 3193

Use Above File Number on all Communications
Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121 _____ Items not completed - Line No. _____

2. IV-1 Agent _____

3. IV-2 Well Permit _____

4. IV-6 Well Plat _____

5. IV-35 Well Record _____ Drilling _____ Deepening _____

6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____

7. IV-39 Annual Production _____ years

8. IV-40 90 day Production _____ Days off line: _____

9. IV-48 Application for certification. Complete? _____

10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? _____ Affidavit Signed _____

18-28. Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
Gas Analyses _____

(5) Date commenced: _____ Date completed _____ Deepened _____

(5) Production Depth: _____

(5) Production Formation: _____

(5) Final Open Flow: _____

(5) After Frac. R. P. _____

(6) Other Gas Test: _____

(7) Avg. Daily Gas from Annual Production: _____

(8) Avg. Daily Gas from 90-day ending w/1-120 days _____

(8) Line Pressure: _____ PSIG from Daily Repo

(5) Oil Production: _____ From Completion Report _____

0-17. Does lease inventory indicate enhanced recovery being done _____

0-17. Is affidavit signed? _____ Notarized? _____

Does official well record with the Department confirm the submitted information? _____

Additional information _____ Does computer program confirm? _____

Is Determination Objected to _____ By Whom? _____

Date May 22 1985

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

Operator's Well No. Righter #5

API Well No. 47 - 033 - 3193
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Melissa Malcomb
ADDRESS 333 East Main Street
Bridgeport, WV 26330

WELL OPERATOR McAlpin Minerals, Inc.
ADDRESS 333 East Main Street
Bridgeport, WV 26330

LOCATION: Elevation 1382'
Watershed Tributary of Shinn's Run
Dist. Clay County Harrison Quad. Rosemont 7.5'

GAS PURCHASER Eastern Pipeline Corporation
ADDRESS P.O. Box N
Glenville, WV 26351

Gas Purchase Contract No. MEPP-0008
Meter Chart Code N/A
Date of Contract March 15, 1984

* * * * *

Date surface drilling was begun: April 29, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated:

Operator: McALPIN MINERALS INC. Well Name: RIGHTER #5 County: HARRISON
Dist/Twp: CLAY State: WV Permit Number: 47-033-3193

BHP = P1 (e^X)

P1 = 600 X = GL/53.34T
G = .68 L = 2737
T = 500 BHP = 643.37

AFFIDAVIT

I, Charles Malcomb, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 14, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Charles Malcomb

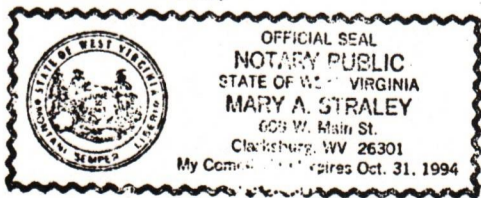
STATE OF WEST VIRGINIA,
COUNTY OF HARRISON, TO WIT:

I, Mary A. Straley, a Notary Public in and for the state and county aforesaid, do certify that Charles Malcomb, whose name is signed to the writing above, bearing date the 22 day of May, 1985, has acknowledged the same before me, in my county aforesaid

Given under my hand and official seal this 24th day of May, 1985.

My term of office expires on the 31st day of October, 1994

[NOTARIAL SEAL]



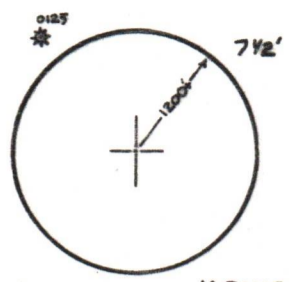
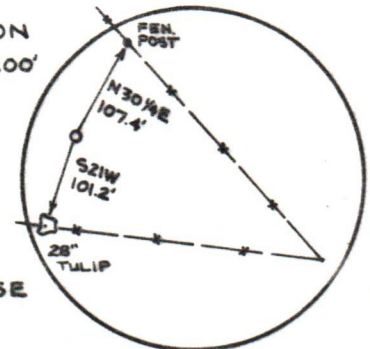
Mary A. Straley
Notary Public

224 4-19-85

11,190'

LATITUDE 39-22-30

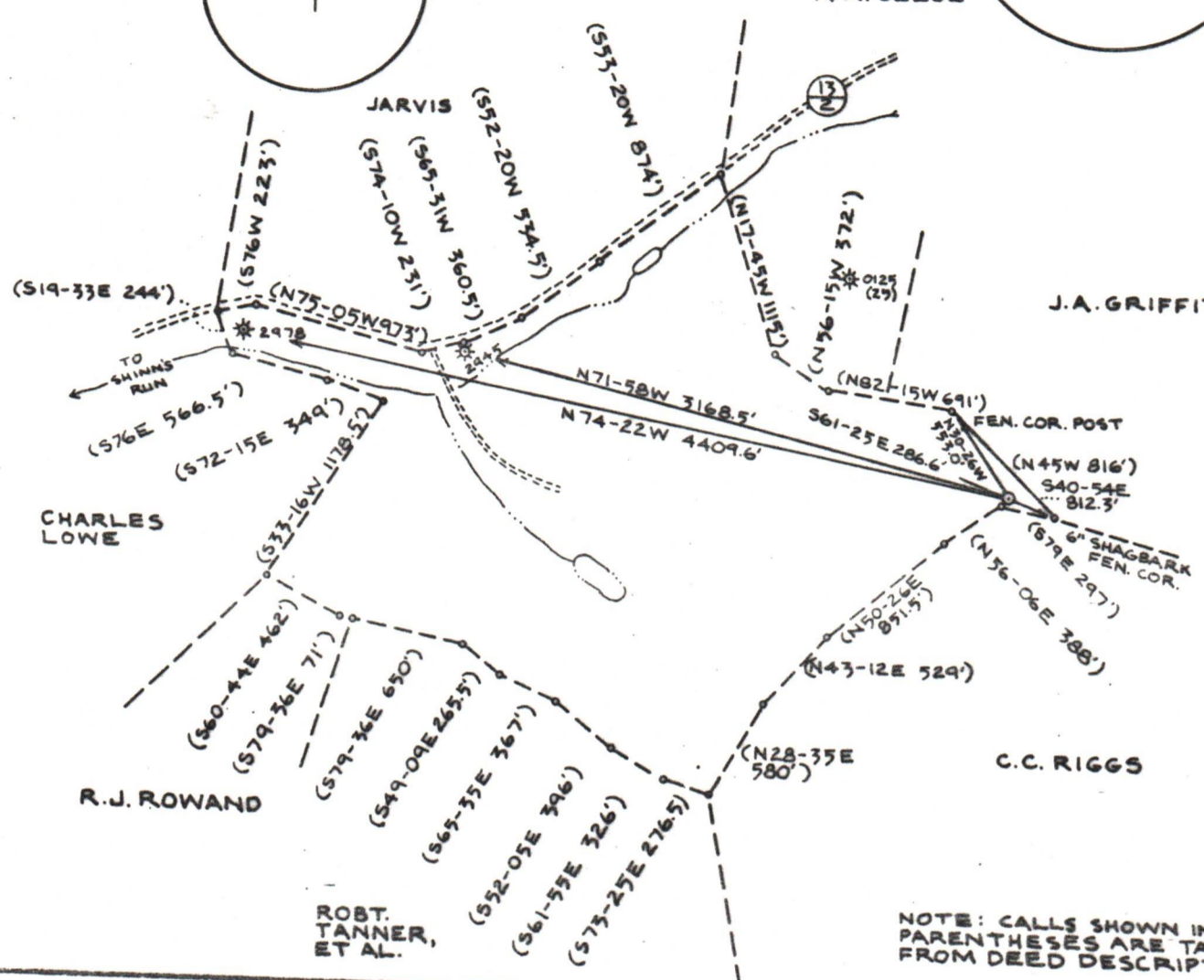
LOCATION TIES 1"=200'



A.A. SEESE

80-12-30
LONGITUDE

NORTH



NOTE: CALLS SHOWN IN PARENTHESES ARE TAKEN FROM DEED DESCRIPTION.

FILE NO. 85127
 DRAWING NO. ---
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION U.S.G.S. Bench-mark: Elevation = 1001'

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) *William Ambrose*
 R.P.E. _____ L.L.S. 568

PLACE SEAL HERE

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



DATE 2 April 1985
 OPERATOR'S WELL NO. Righter #5
 API WELL NO. 47-033-3193
 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 1382 WATER SHED Tributary of Shinn's Run
 DISTRICT Clay COUNTY Harrison
 QUADRANGLE Rosemont
 SURFACE OWNER Charles L. Righter ACREAGE 171.87 Acres
 OIL & GAS ROYALTY OWNER " LEASE ACREAGE "
 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 Fifth Sand ESTIMATED DEPTH 3000'
 WELL OPERATOR McAlpin Minerals, Inc. DESIGNATED AGENT Melissa Malcomb
 ADDRESS 333 East Main St., Suite D ADDRESS 333 East Main St., Suite D
 Bridgeport, West Virginia 26330 ADDRESS Bridgeport, West Virginia 26330