



1) Date: _____, 19____
 2) Operator's Well No. CHARLEY WACOWSKI #2
 3) API Well No. 47 - 033 - 3062
 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 XX / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX /)
- 5) LOCATION: Elevation: 1055' Watershed: Simpson Creek (MW15)
 District: 3 Coal - Simpson County: Harrison Quadrangle: Clarksburg 7 1/2' 297
- 6) WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION 7) DESIGNATED AGENT MICHAEL L. EDWARDS
 Address PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330 Address PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name STEPHEN CASEY Address RT 2, BOX 232-D JANE LEW, WV 26378
- 9) DRILLING CONTRACTOR: Name _____ Address _____
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, BENSON
- 12) Estimated depth of completed well, 5000' feet
- 13) Approximate strata depths: Fresh, 30; 360 feet; salt, 1300 feet.
- 14) Approximate coal seam depths: 225; 280 Is coal being mined in the area? Yes _____ / No XX /

RECEIVED
 JUL 23 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

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	H-40	42#	X		30'			Kinds
Fresh water									Sizes
Coal									
Intermediate	8 5/8	J-55	20/23	X		1100'	1100'	cement to surface by rule 15.05	Depths set
Production	4 1/2	J-55	10.5#	X		5000'	5000'	400 sks or as req. by rule 15.01	Perforations:
Tubing									Top Bottom
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-3062 Date July 30, 19 84

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 July 30, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET 116</u>	Agent: <u>LA</u>	Plat: <u>MM</u>	Casing: <u>MH</u>	Fee: <u>833-821</u>
--------------------------	------------------	-----------------	-------------------	---------------------

Margaret J. Hasse
 Administrator, Office of Oil and Gas



OFFICE USE ONLY

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

1) Estimated depth of completed well: 1300 feet
 2) Approximate true depth: 3000 feet
 3) Approximate coal seam depth: 2000 feet
 4) Approximate coal seam depth: 2000 feet

12) CASING AND TUBING PROGRAM

Casing or Tubing Type	Size	Length	Specifications		Footage Interval	Footage in Well	Cement Pillar or Grout (Cubic Feet)	Packers
			Weight per ft.	Grade				
5" x 11.75"	11.75"	100'	45.0	A53	0' - 30'	30'		
8" x 18"	18"	200'	50.0	A53	30' - 1100'	1100'		
10" x 22"	22"	200'	50.0	A53	1100' - 3000'	3000'		

OFFICE USE ONLY

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		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____
 Reason: _____

Blanket	Agent	Plate	Casing	Log
---------	-------	-------	--------	-----

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

SURFACE OWNER'S COPY



1) Date: _____, 19____
 2) Operator's Well No. CHARLEY WACOWSKI #2
 3) API Well No. 47 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 _____ / Underground storage _____ / Deep _____ / Shallow xx /)
- 5) LOCATION: Elevation: 1055' Watershed: Simpson Creek
 District: Coal Simpson County: Harrison Quadrangle: Clarksburg 7 1/2'
- 6) WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION 7) DESIGNATED AGENT MICHAEL L. EDWARDS
 Address PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330 Address PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name ST STEPHEN CASEY Name _____
 Address RT 2, BOX 232 D JANE LEW, WV 26378 Address _____
- 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, BENSON
 12) Estimated depth of completed well, 5000' feet
 13) Approximate trata depths: Fresh, 30; 360 feet; salt, 1300 feet.
 14) Approximate coal seam depths: 225; 280 Is coal being mined in the area? Yes _____

RECEIVED
 JUL 23 1984

OIL & GAS DIVISION
 DEPT. OF MINES

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		Kinds	Bottom
Conductor	<u>11 3/4</u>	<u>E-40</u>	<u>42</u>	<u>x</u>		<u>30'</u>				
Fresh water										
Coal										
Intermediate	<u>8 5/8</u>	<u>J-55</u>	<u>20/23</u>	<u>x</u>		<u>1100'</u>	<u>1100'</u>	<u>cement to surface</u>		
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>x</u>		<u>5000'</u>	<u>5000'</u>	<u>400 sks</u>		
Tubing										
Liners										

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: _____
 By _____
 Its _____ Date _____

Charley A Wacowski Date: _____
 (Signature)
 Date: July 19, 1984
 (Signature)

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

1) Date: July 19, 1984
2) Operator's Well No. Charley Wa
3) API Well No. 47-033-3062
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 Charley Wacowski
Address 607 East Pike Street
Clarksburg, WV 26301
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Fresa Construction Company
Address P. O. Box 187
Bridgeport, WV 26330
Name Charley Wacowski
Address 607 East Pike Street
Clarksburg, WV 26301
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.

RECEIVED
JUL 23 1984

- 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.

OIL & GAS DIVISION
DEPT. OF MINES

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

WELL OPERATOR Petroleum Development Corporation
By M. L. Edwards
Its Vice-President of Exploration
Address P. O. Box 26
Bridgeport, WV 26330
Telephone 304/842-6256

this 19 day of July, 1984.
My commission expires April 7, 1992

Henry L. Wieghe
Notary Public Harrison County,
State of West Virginia

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:

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page





1) Date: _____, 19_____
 2) Operator's Well No. CHARLEY WACOWSKI #2
 3) API Well No. 47 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: 1055' Watershed: Simpson Creek
 District: Coal - Simpson County: Harrison Quadrangle: Clarkeburg 7 1/2'
- 6) WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION 7) DESIGNATED AGENT MICHAEL L. EDWARDS
 Address PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330 Address PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name ST STEPHEN CASEY Name _____
 Address RT 2, BOX 232-D JANE LEW, WV 26378 Address _____
- 10) PROPOSED WELL WORK: Drill xx / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) -0.33 3062
- 11) GEOLOGICAL TARGET FORMATION, BENSON
 12) Estimated depth of completed well, 5000' feet
 13) Approximate trata depths: Fresh, 30; 360 feet; salt, 1300 feet.
 14) Approximate coal seam depths: 225; 280 Is coal being mined in the area? Yes _____ No _____
- 15) CASING AND TUBING PROGRAM

RECEIVED
 JUL 23 1984

OIL & GAS DIVISION
 DEPT. OF MINES

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		Kinds	
Conductor	<u>11 3/4</u>	<u>H-40</u>	<u>42#</u>	<u>x</u>		<u>30'</u>				
Fresh water										Sizes
Coal										
Intermediate	<u>8 5/8</u>	<u>J-55</u>	<u>20/23</u>	<u>x</u>		<u>1100'</u>	<u>1100'</u>	<u>cement to surface</u>		Depths set
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5#</u>	<u>x</u>		<u>5000'</u>	<u>5000'</u>	<u>400 sbs</u>		
Tubing										Perforations:
Liners										Top Bottom

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 _____ / 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: 7-18, 1984

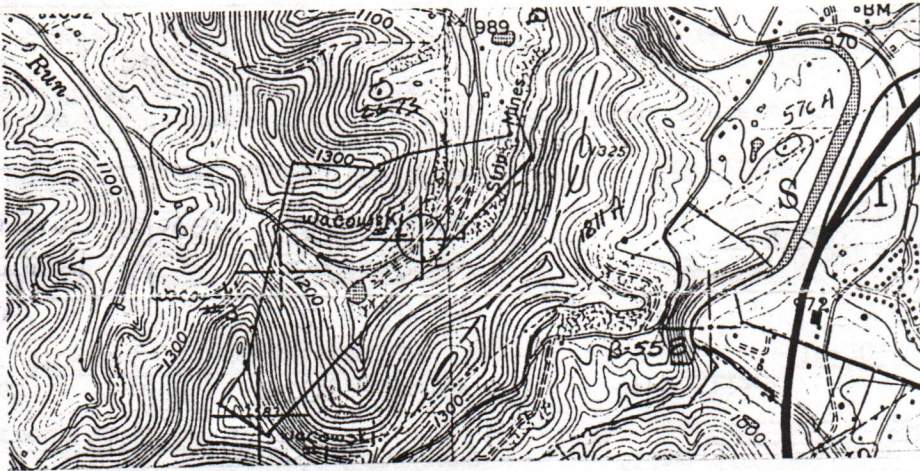
By Fusa Coal Co.
M.R. Fusa Pres.
 Its Charley A Wacowski
 Coal Owner

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Clarksburg 7 1/2'

LEGEND

Well Site ⊕

Access Road ———

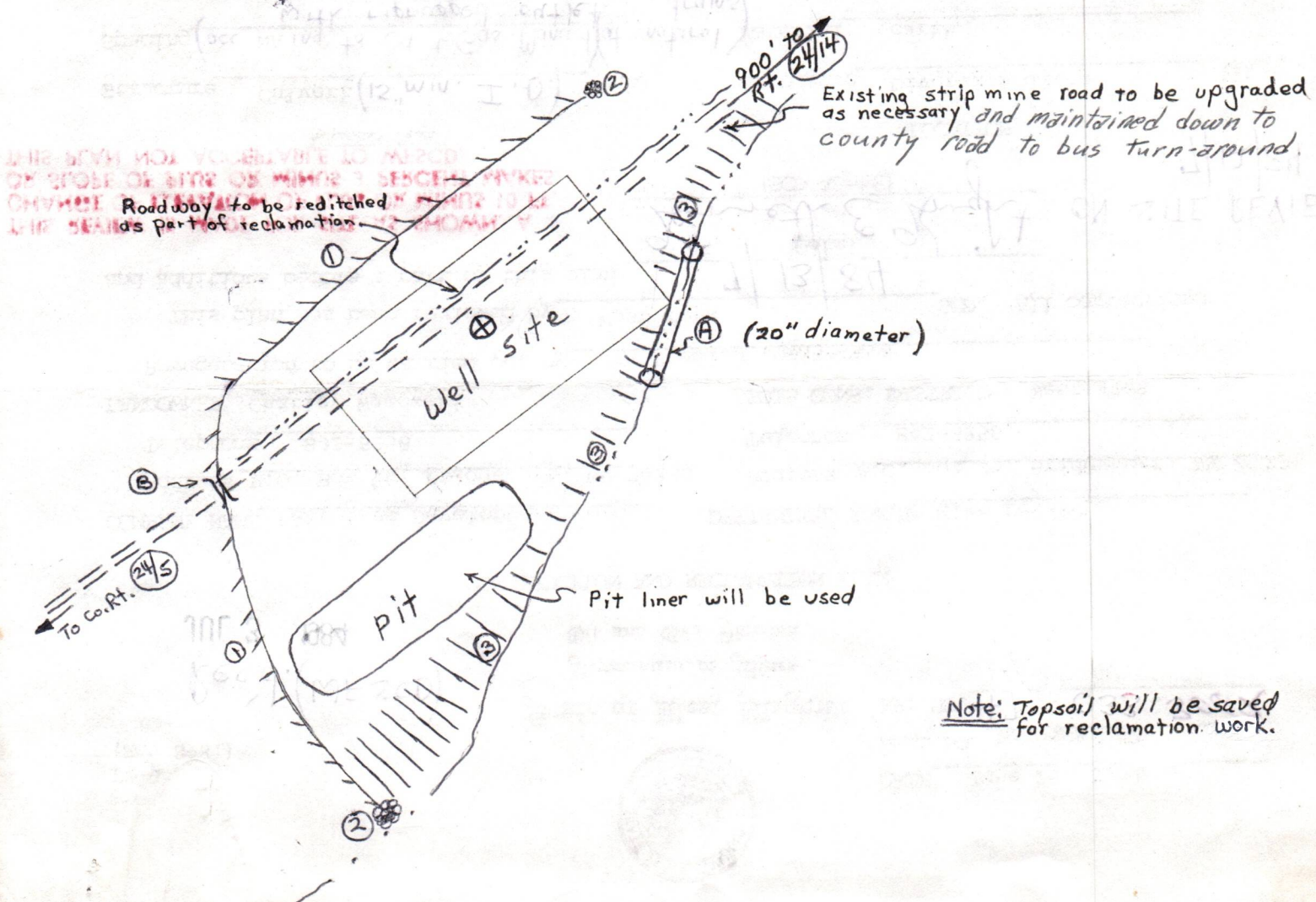


WELL SITE PLAN

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

LEGEND

Property boundary ————	Diversion // // // // //
Road = = = = =	Spring ○ →
Existing fence — x — x —	Wet spot ⊙
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ —
Open ditch — ···· — ···· —	Waterway ⇐ = = = ⇒



Rec'd. (WF500) JUL 3 1984



DATE June 25, 1984
WELL NO. Wacowski #2
API NO. 47-033-3062

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Development Corp.
Address P.O. Box 26, Bridgeport, WV 26330
Telephone 842-6256
LANDOWNER Charley Wacowski
Revegetation to be carried out by Seeding Contractor (Agent)
This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan:
Date 7/13/84
(SCD Agent) Kenneth E. Knight

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 WFSO. ACCESS ROAD

Structure Culvert (15" Min. I.D.)
Spacing (according to Oil & Gas Manual) with ripped outlet
Page Ref. Manual 2.7

Structure Broad based dip
Spacing As shown on sketch with ripped outlet
Page Ref. Manual 2.3

Structure Filter strip
Spacing Material undisturbed natural vegetation
Page Ref. Manual 2.16

Structure Rip-rap
Spacing Material stone
Page Ref. Manual 2.9

Structure Diversion ditch
Spacing Material earth
Page Ref. Manual 2.12

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.

REVEGETATION

Strip Mine Road
Treatment Area I
*Lime 3 Tons/acre or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed * Kentucky 31 35 lbs/acre
Ladino Clover 5 lbs/acre

Re-claimed strip mine
Treatment Area II
*Lime 3 Tons/acre or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed * Kentucky 31 35 lbs/acre
Ladino clover 5 lbs/acre

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

*Lime according to pH test.

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

PLAN PREPARED BY David Jackson

ADDRESS P.O. Box 969
Buckhannon, WV 26201
PHONE NO. 472-9369

DEPT. OF MINE OIL & GAS DIVISION

RECEIVED JUL 23 1984

ON SITE REVIEW 7/12/84



IV-35
(Rev 8-81)

RECEIVED
JAN 17 1985
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date 1/7/85
Operator's
Well No. #2
Farm Charley Wacowski
API No. 47 - 033 - 3062

RECEIVED
FEB 8 - 1985

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

OIL & GAS DIVISION

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

LOCATION: Elevation: 1055' Watershed Simpson Creek
District: Coal-Simpson County Harrison Quadrangle Clarksburg 7 1/2'

COMPANY PETROLEUM DEVELOPMENT CORPORATION
ADDRESS 103 EAST MAIN ST., BRIDGEPORT, WV 26330
DESIGNATED AGENT STEVEN R. WILLIAMS
ADDRESS 103 EAST MAIN ST., BRIDGEPORT, WV 26330
SURFACE OWNER CHARLEY WACOWSKI
ADDRESS 607 EAST PIKE ST., CLARKSBURG, WV 26301
MINERAL RIGHTS OWNER CHARLEY WACOWSKI
ADDRESS 607 EAST PIKE ST., CLARKSBURG, WV 26301
OIL AND GAS INSPECTOR FOR THIS WORK, STEPHEN CASEY
ADDRESS JANE LEW, WV 26378

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	30'	30'	cement to surface
9 5/8			
8 5/8	1087'	1087'	280 sks
7			
5 1/2			
4 1/2	4628'	4628'	400 sks
3			
2			
Liners used			

PERMIT ISSUED JULY 30, 1984
DRILLING COMMENCED DECEMBER 15, 1984
DRILLING COMPLETED DECEMBER 19, 1984

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Benson Depth 5000 feet
Depth of completed well 4697 feet Rotary xx / Cable Tools
Water strata depth: Fresh 70; 305 feet; Salt n/a feet
Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Benson Pay zone depth 4542-45 feet
Gas: Initial open flow NOT TAKEN Mcf/d Oil: Initial open flow Bbl/d
Final open flow 227 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1450 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Speechley Pay zone depth 3208-21 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

(Continue on reverse side)

HARR
3062

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

RECEIVED
DEC 18 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 33-3062

Oil or Gas Well _____
(KIND)

Company Petro. Devel. Co.
 Address _____
 Farm C. Wacowski
 Well No. 2
 District Coal Simpson County Harc.
 Drilling commenced 12-13-84
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Dat _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Morris T

Remarks:

12-13-84
DATE

Steve Casey
DISTRICT WELL INSPECTOR

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

RECEIVED

DEC 20 1984

OIL & GAS DIVISION

DEPT. OF MINES
Oil or Gas Well

(KIND)

INSPECTOR'S WELL REPORT

Permit No. 33-3062

Company Petrol. Deal. Co.

Address _____

Farm Wacowski

Well No. 2

District Simpson Coal County Harrison

Drilling commenced 12-13-84

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water 70 feet 305 feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 1/2			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 1087' 2805 No. FT. _____ Date _____

NAME OF SERVICE COMPANY BJH

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Morris 7

Remarks: dr. at 2353'

12-17-84
DATE

Steve Casey
DISTRICT WELL INSPECTOR

13-Feb-85

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

RECEIVED

JUL 16 1985

OIL & GAS DIVISION

DEPT. OF MINES

(7-30-84)

33-3062

Permit No. 47- 33-3062

County: HARRISON

Company: PETROLEUM DEVE CORP

Farm: CHARLEY WAGOWSKI

Well: WAGOWSKI 2

Rule	Description	Compliance	
		Yes	No
23.06	Notification prior to starting work	-----	-----
25.04	Prepared before drilling to prevent waste	-----	-----
25.03	High pressure drilling	-----	-----
14.01	Required permits at wellsite	-----	-----
15.03	Adequate Fresh Water Casings	-----	-----
15.02	Adequate Coal Casings	-----	-----
15.01	Adequate Production Casings	-----	-----
15.04	Adequate Cement Strength	-----	-----
15.05	Cement Type	-----	-----
23.02	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	-----	-----
10.01	Well Records on Site	-----	-----
10.02	Well Records Filed	-----	-----
7.05	Identification Markings	-----	-----

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

SIGNED Steve Casey

DATE 7-15-85

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. v. B.

Administrator

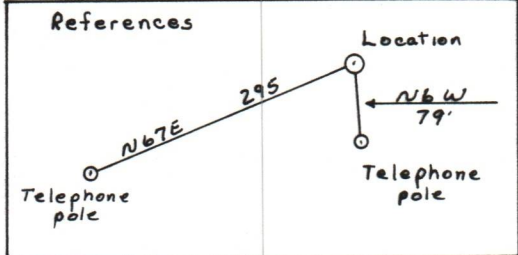
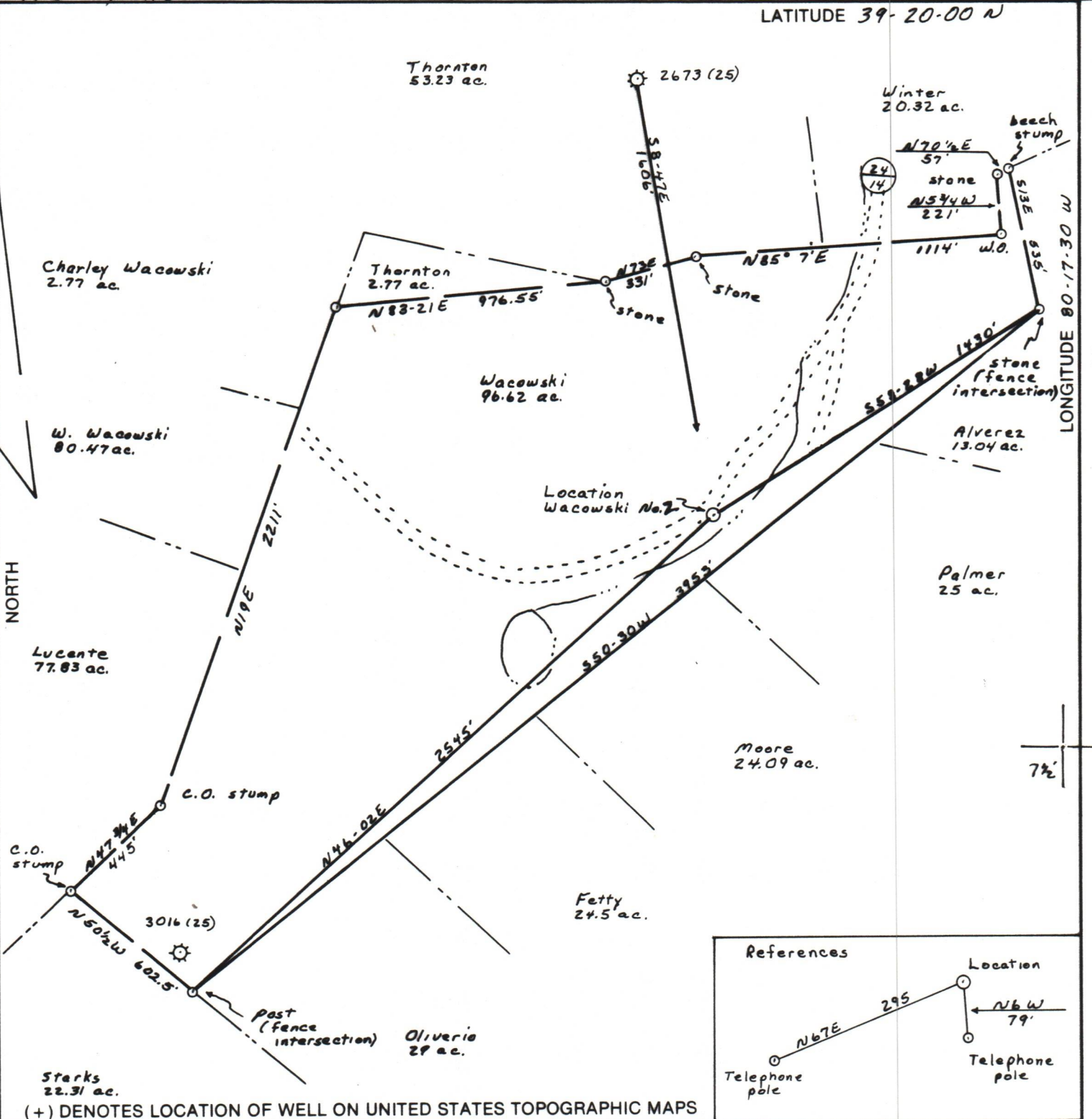
August 1, 1985

Date

224 7/27/84

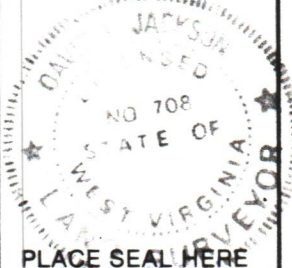
275

LATITUDE 39-20-00 N



FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot elevation 2600' southwest of location; elev. 1583

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) David L. Jackson
 R.P.E. _____ L.L.S. 708



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE May 18, 19 84
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-033-3062
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1055 WATERSHED Simpson Creek
 DISTRICT Coal - Simpson COUNTY Harrison
 QUADRANGLE Clacksburg 7 1/2'
 SURFACE OWNER Charley Wacowski ACREAGE 96.62
 OIL & GAS ROYALTY OWNER Charley Wacowski LEASE ACREAGE 96
 LEASE NO. 118601
 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 Benson ESTIMATED DEPTH 5000
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Mike Edwards
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

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

COUNTY NAME PERMIT