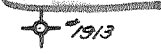
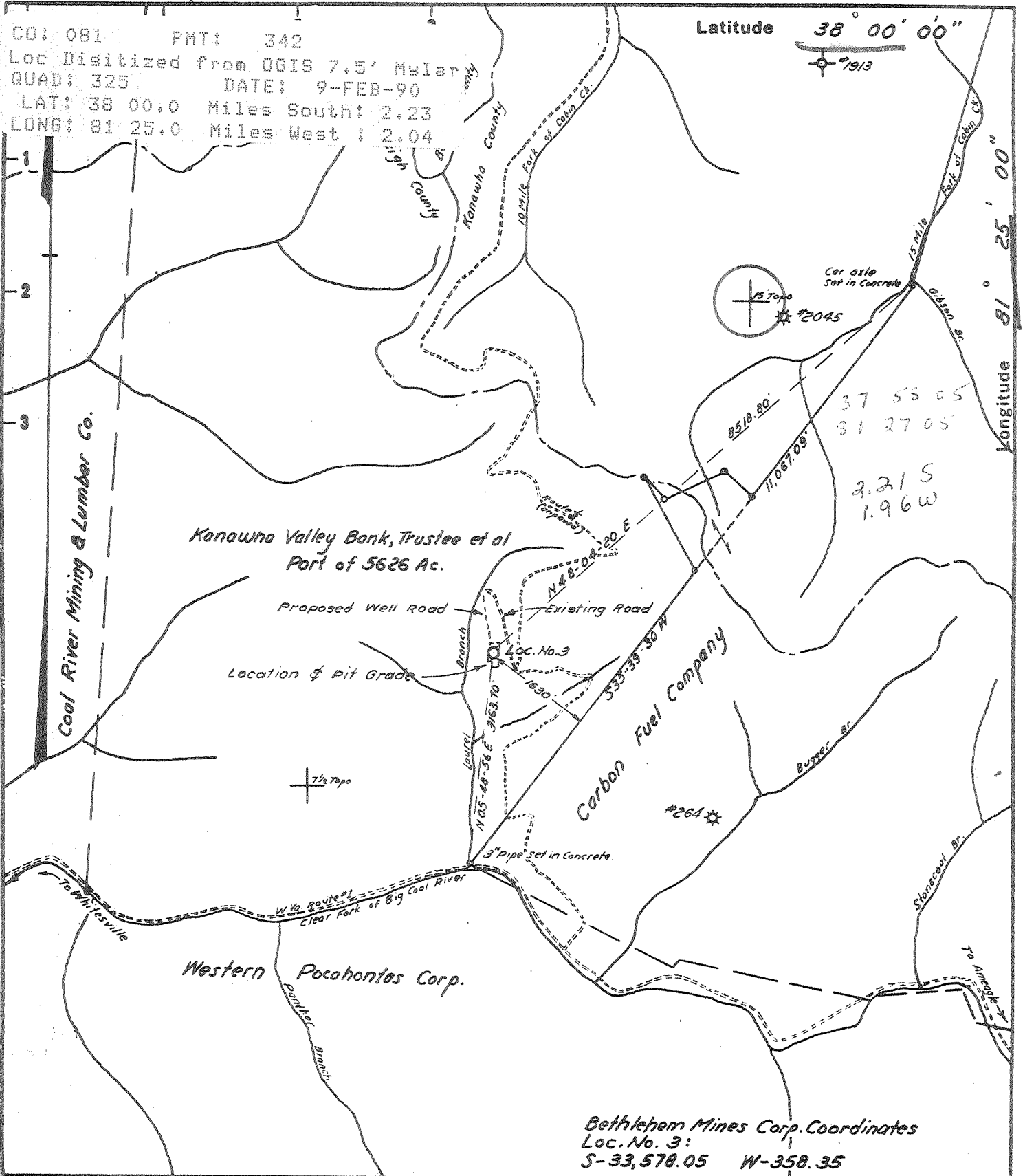


CO: 081 PMT: 342
 Loc Digitized from OGIS 7.5' Mylar
 QUAD: 325 DATE: 9-FEB-90
 LAT: 38 00.0 Miles South: 2.23
 LONG: 81 25.0 Miles West: 2.04

Latitude 38° 00' 00"



Longitude 81° 25' 00"



Bethlehem Mines Corp. Coordinates
 Loc. No. 3:
 S-33,578.05 W-358.35

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 9100
 Source of Elevation U.S.C. & G.S. B.M. = R.R. Spike in 20' Bl. Oak west of road in steep curve 400' ± S.E. of location. Marked "U.E.-1739.2."
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company ASHLAND OIL, INC.
 Address BOX 391, ASHLAND KY. 41101
 Farm KANAWHA VALLEY BANK, TRUSTEE ET AL
 Tract _____ Acres 5626 Lease No. 10 306
 Well (Farm) No. 3 Serial No. 064261
 Elevation (Spirit Level) 1532.4
 Quadrangle ECCLES-15' NW DOROTHY-7 1/2'
 County RALEIGH District CLEAR FORK
 Engineer John H. Burnett
 Engineer's Registration No. 1442
 File No. _____ Drawing No. _____
 Date APRIL 6, 1976 Scale 1" = 2,000'

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

WELL LOCATION MAP
 FILE NO. RAL -342

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

42-081 MAY 6 1976

2-2 Burnwell (262) Deep well



RECEIVED

001 26 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Eccles 15'
Quadrangle Dorothy 7 1/2'
Permit No. RAL - 342

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company <u>Ashland Oil, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 391, Ashland, Ky. 41101</u>	Size			
Farm <u>Kanawha Valley Bk Trustee etal</u> Acres <u>5626</u>	20-16			
Location (waters) <u>Clear Fork @ Big Coal River</u>	Cond.	52	52	set on shoulder
Well No. <u>3</u> (Ser. # <u>064261</u>) Elev. <u>1532.4</u>	13-16 <u>3/8"</u>	375	375	300 sks
District <u>Clear Fork</u> County <u>Raleigh</u>	<u>9 5/8</u>	1905	1905	588 sks
The surface of tract is owned in fee by <u>Kanawha Valley Bank, Trustee, etal</u>	<u>8 5/8</u>			
Address <u>P. O. Box 1973, Charleston, WV 25326</u>	<u>7</u>	6200	1320	116 sks
Mineral rights are owned by <u>Same</u>	5-1/2 <u>7"</u>	2461	2461	50 sks
Address _____	<u>4 1/2</u>			
Drilling Commenced <u>5-11-76</u>	<u>3</u>			
Drilling Completed <u>7-16-76</u>	<u>2</u>			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production <u>267 M</u> cu. ft. per day _____ bbls.				
Well open <u>8</u> hrs. before test <u>790</u> RP.				

Well treatment details: Attach copy of cementing record. On back
7-1-76 Devonian (Brown) Shale shot w/11600# 80% gelatin from 3408 KB - 4625 KB
(CO & PB to 3793 KB)

Coal was encountered at 90-94, 196-201, 234-37 Feet 243-54, 265-70 448-56 Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand (Brown Shale) (after shot) Depth 3408-3793

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	380		Coal as above from drillers log
Shale & Sand			380	622		
Sand & Shale			622	735		
Salt Sand			735	1830		
Sand & Shale			1830	2296		
Lower Maxton			2296	2321		
Sand & Shale			2321	2355		
Little Lime			2355	2437		
Pencil Cave Shale			2437	2444		
Big Lime			2444	2727		
Shale & Sand			2727	2864		
Middle Weir			2864	2921		
Shale & Sand			2921	3004		
Lower Weir			3004	3013		
Shale			3013	3243		
Coffee Shale			3243	3261		
Berea			3261	3303		
<u>Devonian (Brown) Shale</u>			3303	6163		
Onondaga Lime			6163	6262		
Oriskany			6262	6280		
Lime & Dolomite			6280	6908		
<u>Newburg</u>			6908	6922		
Dolomite			6922	6996		

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
DTD				6996		
LTD				6999		
1st PBD				4750		
COTD				3881		
2nd PBD				3793		
<u>Cement Record</u>						
5-15-76	13 3/8"	@ 375 KB	Cemented by Dowell	w/300	sks Class A	2/3% CaCl
5-23-76	9 5/8"	@ 1905 KB	Cemented by Dowell	w/488	sks 50/50 Lite POZ-3 and 100	sks Class A w/3% CaCl
6-1-76	7"	@ 6200 KB	Cemented by Dowell	w/116	sks Class A	
7-8-76	7"	@ 2461 KB	Cemented by Halliburton	w/50	sks Class A	w/2% CaCl

Date 10/22/76, 19

APPROVED ASHLAND OIL, INC. Owner

By C. W. Carman
C. W. Carman (Title) Staff Engineer



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 12 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE April 9, 1976

Surface Owner Kanawha Valley Bank, Trustee et al
Address Box 1973, Charleston, W. Va. 25326
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator Bethlehem Mines Corp.
Address Box 4337, Charleston, W. Va. 25304

Company Ashland Oil, Inc.
Address Box 391, Ashland, Ky. 41101
Farm Kanawha Valley Bank, Trustee et al Acres 5626
Location (waters) Clear Fork at Big Coal River
Well No. 3 - Serial # 064261 Elevation 1532.4
District Clear Fork County Raleigh
Quadrangle Eccles - 15' Dorothy - 7 1/2'

Attn: J. F. Wildy - Div. Supt.

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 8-15-76

Robert T. Wildy
Deputy Director - Oil & Gas Division
GENTLEMEN:

INSPECTOR TO BE NOTIFIED Paul Thomas
872-3070 ADDRESS Summersville, W.Va.
PH: _____

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Feb. 15 1956 by Kanawha Valley Bank, Tr. made to United Producing Co., Inc. and recorded on the 13 day of Oct. 1956, in Raleigh County, Book 25 Page 425
 NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, ASHLAND OIL, INC.
(Sign Name) J. H. Burtnett
Well Operator
J. H. Burtnett, Regional Civil Engineer
P. O. Box 391 Street
Ashland City or Town
Kentucky 41101 State

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

RAL-342

PERMIT NUMBER

47-081

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Delta Drilling Co. NAME H. H. Griffith
 ADDRESS Indiana, Pa. ADDRESS Box 156, Brenton, W. Va. 24818
 TELEPHONE (412) 465-5657 TELEPHONE (304) 732-7344
 ESTIMATED DEPTH OF COMPLETED WELL: 6950 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Newburg
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 <u>13 3/8</u>	<u>34</u>	<u>34</u>	<u>10 sacks</u>
9 - 5/8	<u>1890</u>	<u>1890</u>	<u>Circ1 Cement</u>
8 - 5/8			
7	<u>6075</u>	<u>6075</u>	<u>125 sacks</u>
5 1/2			
4 1/2	<u>6890</u>	<u>6890</u>	<u>100 sacks</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

Salt Sand 780-1840'

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 60'
 IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Bethlehem Mines Corp.

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title