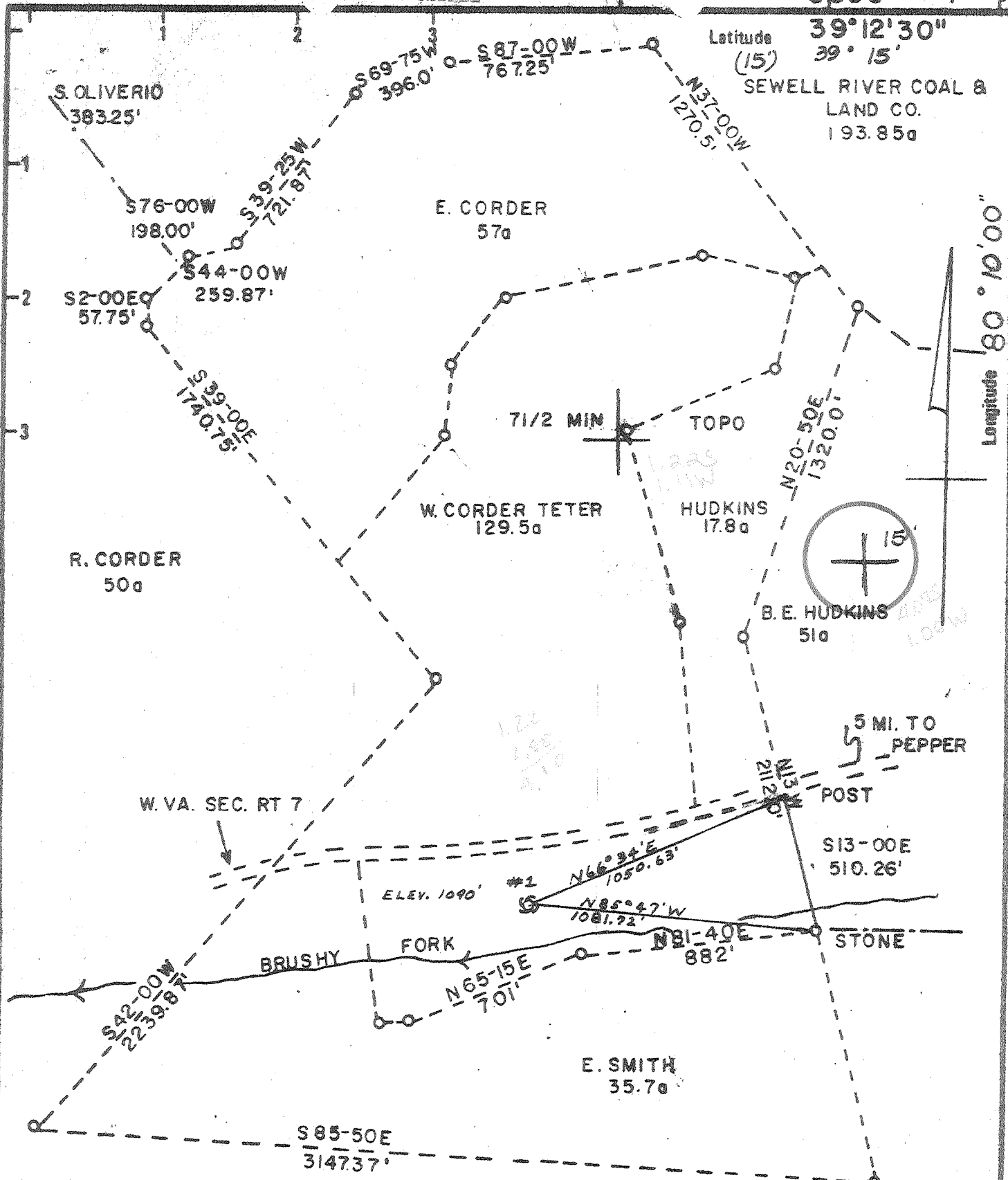


Latitude 39° 12' 30"
(15') 39° 15'

SEWELL RIVER COAL & LAND CO.
193.85a



REVISED LOCATION
New Location
Drill Deeper
Abandonment

Minimum Error of Closure 1" IN 200'
Source of Elevation JCT. RT. 7 & 77/4-1070'
U.S.G.S. BROWNTON TOPOGRAPHIC QUAD.

"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." *Paul J. Dean*

Company PETROLEUM DEVELOPMENT CORP.
Address 103 E. MAIN ST. BRIDGEPORT, W.V.
Farm M.V. TRIMBLE B.W. CORDER
Tract _____ Acres 193a Lease No. _____
Well (Farm) No. 1 Serial No. _____
Elevation (Spirit Level) 1090'
Quadrangle BROWNTON 7 1/2 MIN.
County BARBOUR District ELK
Engineer PAUL DEAN
Engineer's Registration No. 1856
File No. _____ Drawing No. _____
Date OCTOBER 23, 78 Scale 1" = 500'

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

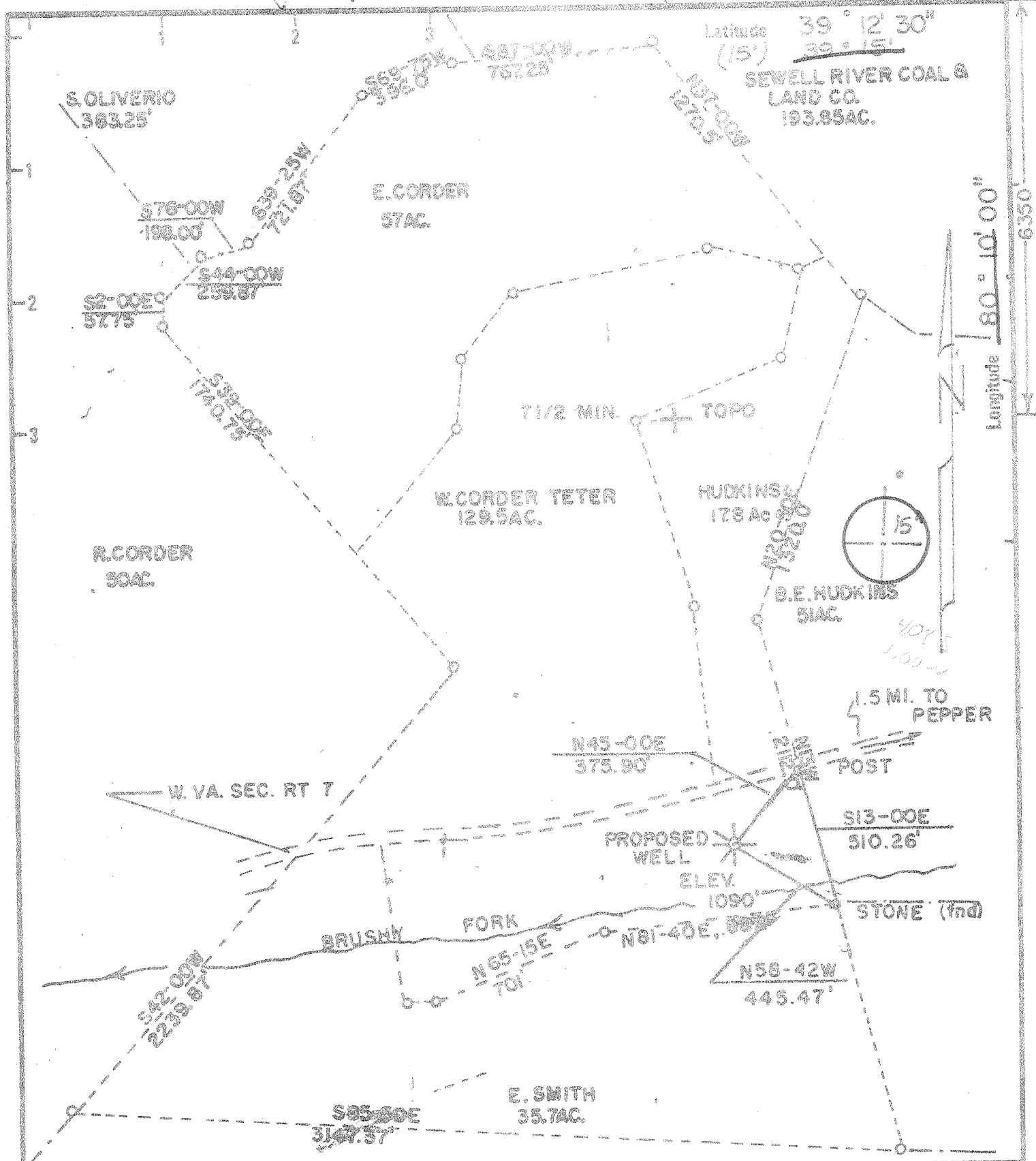
WELL LOCATION MAP
FILE NO. 47-001-1074-REV

+ 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.

DEC 7 1979

Benson H500



New Location Drill Deeper Abandonment

Minimum Error of Closure 1 IN 5000'
 Source of Elevation JCT. RT. 7 & 77/4 - 1070'
USGS BROWNTON TOPOGRAPHIC QUAD
 "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 PETROLEUM DEVELOPMENT CORP
 Address 103 E. MAIN ST., BRIDGEPORT, W.VA.
 Farm M.V. TRIMBLE & W. CORDER TETER
 Tract _____ Acres 193 Lease No. _____
 Well (Farm) No. ONE Serial No. B-1208
 Elevation (Spirit Level) 1090' NW
 Quadrangle BROWNTON 7 1/2 MIN., PHILIPPI 15'
 County BARBOUR District ELK
 Engineer L.R. SNYDER
 Engineer's Registration No. 300 SU
 File No. _____ Drawing No. _____
 Date MARCH 23, 1978 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. BAR-1074

+ 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.

47-001 OCT 30 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Brownston

Permit No. BAR-1074

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

Company Petroleum Development Corporation
Address P.O. Box 26, Bridgeport, WV 26330
Farm Trimble Teter Acres 193
Location (waters) Brushy Fork
Well No. One (B-1208) Elev. 1090
District Elk County Barbour
The surface of tract is owned in fee by _____
W. Corder Teter
Address 122 Westwood Ave., Bridgeport, WV
Mineral rights are owned by Same
Address _____
Drilling Commenced 11/25/78
Drilling Completed 12/01/78
Initial open flow _____ cu. ft. _____ bbls.
Final production 207m cu. ft. per day _____ bbls.
Well open 48 hrs. before test 1225 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	1210	1210	300 sks
7			
5 1/2			
4 1/2	4264	4264	490 sks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

5th	560 bbls	10,000	80/100	40,000	20/40
Riley	540 bbls	10,000	80/100	40,000	20/40
Benson	670 bbls	20,000	80/100	40,000	20/40

Coal was encountered at 487 to 492 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Riley, Benson Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	73		
Shale, Red Rock			73	195		
Sand, Shale			195	266		
Sand			266	487		
Coal			487	492		
Sand, Shale			492	800		
Shale, Red Rock			800	1120		
Sand, Shale			1120	1186		
Big Lime			1186	1196		
Shale			1196	1424		
Injun Sand			1424	1446		
Shale			1446	1680		
Squaw Sand			1680	1688		
Shale			1688	1740		
Weir Sand			1740	1806		
Shale			1806	1900		
Berea Sand			1900	1936		
Shale			1936	2150		
4th Sand			2150	2199		
Shale			2199	2224		
5th Sand			2224	2318		
Sand, Shale			2318	2745		
Speechley Sand			2745	2751		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand, Shale			2751	3102		
Balltown Sand			3102	3124		
Sand, Shale			3124	3390		
Bradford Sand			3390	3412		
Sand, Shale			3412	3830		
Riley Sand			3830	3870		
Shale			3870	3994		
Benson Sand			3994	4004		
Shale			4004	4160		
Benson Sand			4174	4180		
Shale			4180	4385	T.D.	

Date March 5, 1979

APPROVED Petroleum Development Corp. Owner

By John C. McLean
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 11 1978

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner W. Corder Teter
Address 122 Westwood Ave. Bridgeport, WV
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator _____
Address _____

DATE October 10, 1978
Company Petroleum Development Corporation
Address P.O. Box 26 Bridgeport, WV 26330
Farm Trimble -Teter Acres 193
Location (waters) Brushy Fork
Well No. One (B-1208) Elevation 1090'
District Elk County Barbour
Quadrangle Brownnton

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If 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 2-11-79.

INSPECTOR
TO BE NOTIFIED Bob Stewart
ADDRESS Box 345 Jane Lew WV 26378
PHONE 884-7782

[Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

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 July 18th 1976 by W. Corder Teter, etal made to Consolidated Gas Supply Co. and recorded on the 30th day of December 1976 in Barbour County, Book 76 Page 433
XX _____ 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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
PETROLEUM DEVELOPMENT CORPORATION
(Sign Name) [Signature]
Well Operator
P.O. BOX 26
Street
Bridgeport
City or Town
West Virginia 26330
State

*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

BAR-1074 PERMIT NUMBER

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

XX

PROPOSED WORK ORDER TO DRILL DEEPEEN FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If known) _____

Unknown

RESPONSIBLE AGENT:

NAME Petroleum Development Corporation

ADDRESS _____

ADDRESS P.O. Box 26 Bridgeport, WV 26330

TELEPHONE _____

TELEPHONE 842-6256

ESTIMATED DEPTH OF COMPLETED WELL: 4500

ROTARY CABLE TOOLS _____

PROPOSED GEOLOGICAL FORMATION: Benson

TYPE OF WELL: OIL GAS 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 11 3/4	40'	40'	
9 - 5/8			Surface
8 - 5/8	1000'	1000'	Surface
7			
5 1/2			
4 1/2			4500'
3			
2			
Liners			
			Perf. Top
			Perf. Bottom
			Perf. Top
			Perf. Bottom
			Perf. Top
			Perf. Bottom
			Perf. Top
			Perf. Bottom
			Perf. Top
			Perf. Bottom

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

TO DRILL DEEPEEN 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 OF - 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