



ACCURACY: 1/200'

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill
- Other

Formation BEREA Oil
 Est. Depth 2300' Gas
 Other

Source of Elevation DALLISON (705')
 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.

Chet Waterman

Company UNION DRILLING INC.
 Address BUCKHANNON, WV
 Surface Owner ROBERT E. LEE
 Mineral Owner " " "
 Well No. 1 Acres 40
 Elevation 842' NC
 Quadrangle KANAWHA Series 7.5'
 County WOOD District WALKER
 Date 4/2/80 Scale 1" = 500'

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

WELL LOCATION MAP
47 - 107 - 0992
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788 File No. 80-193

[08-78]

Date: April 14, 1980

Operator's Well No. 1 - P001

API Well No. 47 107 0992
State County Permit

Robert E. Lee #1 (P001)

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 842' Watershed: Stillwell
District: Walker County: Wood Quadrangle: Kanawha

WELL OPERATOR UNION DRILLING, INC.
Address P. O. Drawer 40
Buckhannon, WV 26201

DESIGNATED AGENT UNION DRILLING, INC.
Address P. O. Drawer 40
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER (FEE SIMPLE TITLE)
R. E. & Nancy Lee
Address Walker, WV 26180

COAL OPERATOR
Address

Acreage 40

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER
Address

Name
Address

Acreage

Name

FIELD SALE (IF MADE) TO:
Name
Address

Address

RECEIVED
APR 16 1980
OIL & GAS DIVISION
DEPT. OF MINES

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED
Name K. Paul Goodnight
Address Smithville, WV 26178
477-3660

Name
Address

Pennzoil Lease #83002-50

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated Nov. 15, 1972, to the undersigned well operator from Robert E. & Nancy Lee

[If said deed, lease, or other contract has been recorded:]

Recorded on Dec. 21, 1972, in the office of the Clerk of the County Commission of Wood County, West Virginia, in Deed Book 610 at page 24. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate X /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

UNION DRILLING, INC.
Well Operator

By Joseph Pettey
Its Joseph Pettey, Production Manager

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Clint Hurt & Associates, Inc.
Address Box 388
Elkview, WV 25071

GEOLOGICAL TARGET FORMATION, Berea

Estimated depth of completed well, 2300 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, ? feet; salt, feet.

Approximate coal seam depths: ? Is coal being mined in the area? Yes / No /

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"			x		20'	20'		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8"			x		800'	800'	to surface	
Production	4 1/2"			x		2300'	2300'	150 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-18-80.


Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By
Its