



FILE NO. UDI 3-40

DRAWING NO. 84-22

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1 in 200

PROVEN SOURCE OF ELEVATION TOP of Knob 1100' S.E. of Loc. El. 2872

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) Thomas F. Weaver, Jr.

R.P.E. _____ L.L.S. 410

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE JULY 9, 1984

OPERATOR'S WELL NO. 2082

API WELL NO. 023-0009

47-023-0016

STATE WEST VIRGINIA COUNTY GRANT PERMIT 023-0009

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 2735 WATER SHED MOYER RUN

DISTRICT MILROY 2 COUNTY GRANT

QUADRANGLE HOPEVILLE 402 094 NE3 OREGO

SURFACE OWNER OATHER HEAVNER ACREAGE 264

OIL & GAS ROYALTY OWNER OATHER HEAVNER LEASE ACREAGE 313

LEASE NO. 561147

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 ORISKANY ESTIMATED DEPTH 9000'

WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT JOSEPH C. VANZANT, JR.

ADDRESS P. O. DRAWER 40 592 BUCKHANNON, WV. 26201 ADDRESS P. O. DRAWER 40 BUCKHANNON, WV. 26201

GRANT

7/85

****TO BE HELD CONFIDENTIAL****



1) Date: July 22, 19 86
 2) Operator's Well No. 2082
 3) API Well No. 47 023 0016
 State West Virginia County Grant Permit 0016
 Original Permit # 023-0009

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

RECEIVED
 JUL 24 1986

- 4) WELL TYPE: A Oil / Gas XX /
 B (If "Gas", Production XX / Underground storage / Deep XX
- 5) LOCATION: Elevation: 2735' Watershed: Moyer Run
 District: Milroy 803 2 County: Grant Quadrangle: Hopeville 402
- 6) WELL OPERATOR Union Drilling CODE: 50550 7) DESIGNATED AGENT Joseph C. Petty
 Address Post Office Drawer 40 Address Post Office Drawer 40
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name ~~Donald Ellis~~ PHIL TRACY Name Union Drilling, Inc.
 Address 2604 Crab Apple Lane FOLKINS, WV Address Post Office Drawer 40
Fairmont, WV 26554 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper / Redrill / Stimulate XX /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Oriskany 405
- 12) Estimated depth of completed well, ~9000 feet
 13) Approximate strata depths: Fresh, feet; salt, 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 FILLUP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	13-3/8		32	X		300'	300'	CTS Per Rule 15.05	Kinds
Fresh water									
Coal								to surface Per Rule 15.05	Sizes
Intermediate	9-5/8		23	X		3500'	3500'		
Production	5-1/2 J		10 1/2	X		9000'	9000'	as required by Rule 15.01	Depths set
Tubing									
Lin...								Perforations:	Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-023-0016 Date August 13 19 86

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 August 13, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>✓</u>	Agent: <u>ALB</u>	Plat: <u>MS</u>	Casing: <u>AS</u>	Fee: <u>47235</u>	WPCP: <u>AS</u>	S&E: <u>AS</u>	Other: <u> </u>
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NOTE: Keep one copy of this permit posted at the drilling location.
 Director, Division of Oil and Gas