

17608



LONGITUDE

63° 80' 40" W

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

FILE NO. A-6  
 DRAWING NO. A-6  
 SCALE 1:24000  
 MINIMUM DEGREE OF  
 ACCURACY \_\_\_\_\_  
 PROVEN SOURCE OF  
 ELEVATION BH 757

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 REGU-  
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-  
 MENT OF ENERGY.  
 SIGNED: W. C. Lind

For General Location, Not Survey

R.P.E. LA. 1000000

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS



DATE 7/2 1983  
 OPERATOR'S WELL NO. 1016-K-1000  
 API WELL NO. #2

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 OF "GAS," PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 STATE COUNTY PERMIT 47-17-4095-N

LOCATION: ELEVATION \_\_\_\_\_ WATERSHED McElroy Creek  
 DISTRICT McClellan COUNTY Doddridge

QUADRANGLE Center Point

SURFACE OWNER Zed Underwood ACREAGE 150

OIL & GAS ROYALTY OWNER Zedoc Underwood LEASE ACREAGE 150  
 et. al. LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR  
 STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW \_\_\_\_\_ Bond & Permit  
 FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ Pre-29 Well

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_

TARGET FORMATION T.M. ESTIMATED DEPTH 1971

WELL OPERATOR Clarence Murschelt DESIGNATED AGENT Clarence Murschelt

ADDRESS P.O. Box 351 Salem WV 26426 ADDRESS P.O. Box 351 Salem, WV 26426

RECEIVED

Office of Oil & Gas

JUL 12 1983

WV Division of Environmental Protection

COUNTY NAME

PERMIT

WEST VIRGINIA TOPOGRAPHIC MAPS

State of West Virginia  
 Division of Environmental Protection  
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: UNDERWOOD, ZED Operator Well No.: Z. UNDERWOOD 2

LOCATION: Elevation: Quadrangle: CENTER POINT

District: MCCLELLAN County: DODDRIDGE  
 Latitude: 6300 Feet South of 39 Deg. 25Min. Sec.  
 Longitude 8500 Feet West of 80 Deg. 40 Min. Sec.

Company: MUTSCHELKNAUS, CLARENCE W  
 170 E. MAIN ST. P.O. BOX 351  
 SALEM, WV 26426-0351

Agent: CLARENCE W. MUTSCHELKNAUS

Inspector: MIKE UNDERWOOD  
 Permit Issued: 02/07/94  
 Well work Commenced: \_\_\_\_\_  
 Well work Completed: \_\_\_\_\_  
 Verbal Plugging \_\_\_\_\_  
 Permission granted on: \_\_\_\_\_  
 Rotary Cable \_\_\_\_\_ Rig  
 Total Depth (feet) \_\_\_\_\_  
 Fresh water depths (ft) \_\_\_\_\_  
 Salt water depths (ft) \_\_\_\_\_

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.

Is coal being mined in area (Y/N)? \_\_\_\_\_  
 Coal Depths (ft): \_\_\_\_\_

OPEN FLOW DATA

Producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: MUTSCHELKNAUS, CLARENCE W.

By: \_\_\_\_\_  
 Date: \_\_\_\_\_

3ED UNDERWOOD I.C. 2

Commenced drilling June 7, 1921 and finished July 24, 1921

10 inch casing	210
8 1/2 inch casing	1120
1 5/8 inch casing	1861
Pittsburgh Coal	618-620
Little Dunkard	1020-1026
Big Dunkard	1090-1100
Gas Sand	1300-1350
<del>2nd</del> Salt Sand	1360-1470
2nd Salt Sand	1540-1585
3rd Salt Sand	1655-1680
Red Rock	1780-1835
Little Lime	1855-1870
Sand White	1890-1905
Top Big Injun	1945
Top Big Injun	1955
Bottom Pay	1969
Total Depth	1971

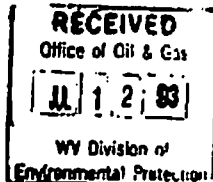
Well filled up 1500' with oil July 25th; swabbed 60 bbl of oil that night. It flowed 60 bbl. The well flowed 100 bbl a day for 6 days. Then had to be swabbed to make it flow. June 11 1922 it was down to 14 bbl a day. Shot June 13, 1922 with 10 quarts. Cleaned itself nicely the first 24 hours, after shot made 130 bbls.

Shot second time December 1923. On Oct. 11, 1924 well was down to 4 1/2 bbls. Shot Oct. 12, 1924 - started off at 11 bbls a day. Used acid on well March 1926. Well increased from 2' to 3'. Shot May 30, 1928 with 50 quarts. Well made ten bbls a day.

July 27, 1974. Cleaned out. Bailed well. Bailed about 8 bbls oil. Well makes 5 bbls every other day with 10 minutes pumping.

Well makes no water.

Not producing.



STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47- 17-04098, issued to MUTSCHELKNAUS, CLARENCE W. is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is MIKE UNDERWOOD - 304-782-1043.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

~~The enclosed WR-35 must be completed by you and returned to this office.~~ In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit  
Chief

By: \_\_\_\_\_

Title: \_\_\_\_\_

Operator's Well No: Z. UNDERWOOD 2

Farm Name: UNDERWOOD, ZED

API Well Number : 47- 17-04098 N

Date Issued : 02/07/94