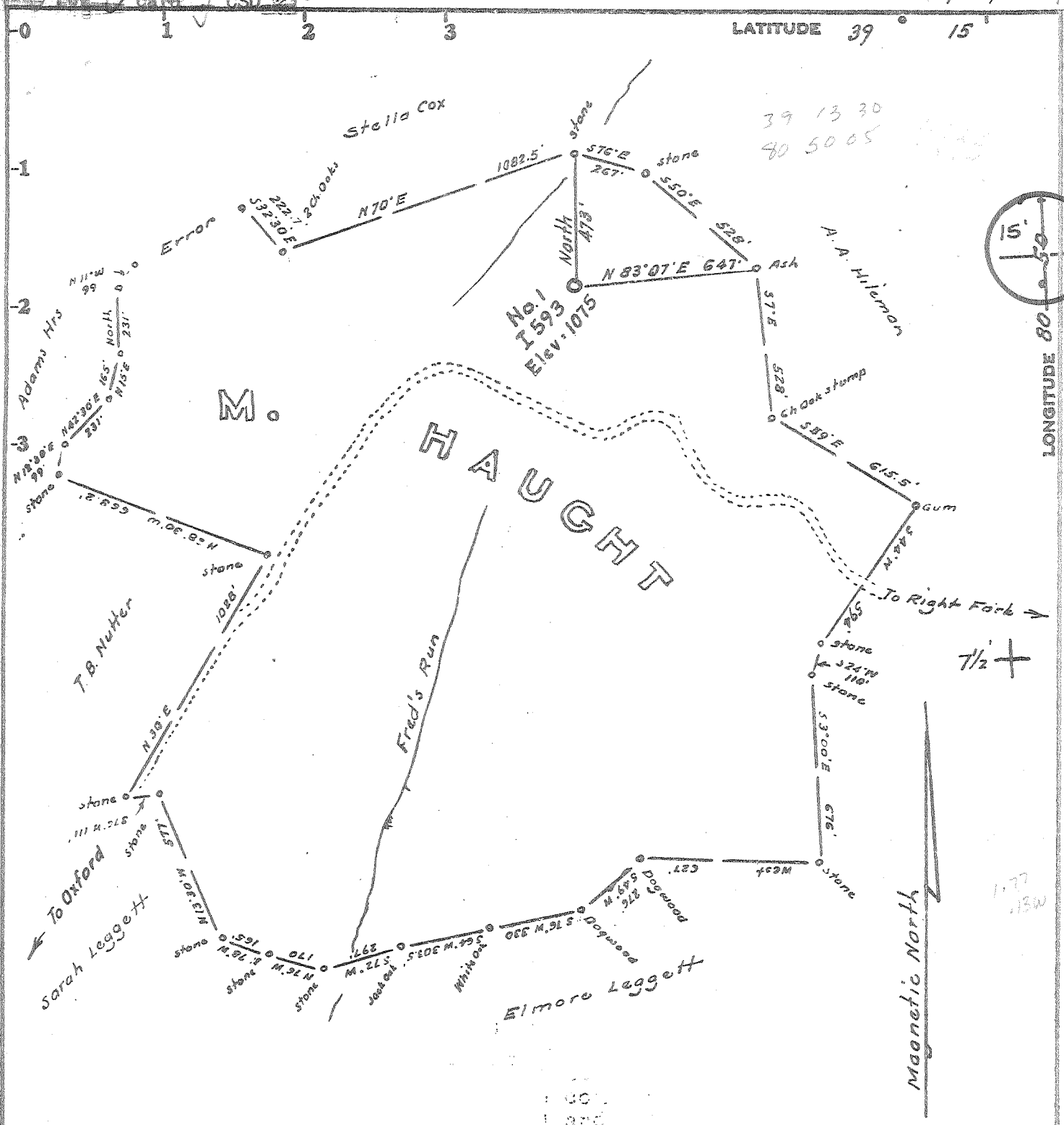


5/16/78



Minimum Error of Closure 1 in 200

Source of Elevation USGS elev. at Forks of Freds Run, 3200'SW = 869

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: [Signature]
Squares: N S E W

Map No.

Company UNITED OPERATING CO.
 Address 600 Commerce Sq. Charleston, W.Va.
 Farm M. Haught D.M. Haught
 Tract _____ Acres 132 Lease No. _____
 Well (Farm) No. 1-1593 Serial No. _____
 Elevation (Spirit Level) 1075
 Quadrangle Oxford 7 1/2, Halbrook 15' NC
 County Doddridge District Southwest
 Engineer [Signature]
 Engineer's Registration No. 1227 LLS 200
 File No. _____ Drawing No. _____
 Date April 13, 1978 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. DODD-1901

+ Denotes location of well on United States Topographic Maps, scale 1 to ^{24,000}/_{62,500}, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. 47-017 JUN 1 1978

6-6 ~~2400' West~~ NEWBERNE 138 183



RECEIVED

SEP 11 1978

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Oxford 7 1/2

Permit No. DODD-1901

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

Company United Operating Company
Address 600 Commerce Sq., Charleston, WV
Farm M. Haught Acres 132
Location (waters) Fred's Run
Well No. 1 Elev. 1075
District Southwest County Doddridge
The surface of tract is owned in fee by D. M. Haught et al
Address New Milton, WV
Mineral rights are owned by Same
Address Same
Drilling Commenced 6-16-78
Drilling Completed 6-21-78
Initial open flow No Test cu. ft. _____ bbls.
Final production 397 M. cu. ft. per day _____ bbls.
Well open 4 hrs. before test 975 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	319	319	Circ.
7			
5 1/2			
4 1/2	0	2420	140 sacks
3			
2			
Liners Used			

Attach copy of cementing record.

1st stage. 500 gallon acid- 500 bbl. treated water - 12,000# 80/100 sand
18,000# 20-40 sand - Average pressure 2,200 psi - Rate 32 bpm; WEIR: 500 gallon acid
500 bbl. treated water - 11,000# 80/100 sand - 30,000# 20/40 sand - Average pressure
2,200 psi - Rate 32 bpm. BIG INJUN: 358 bbl. water - 10,000# 80/100 sand - 1200#
20/40 sand, Average pressure 2,100 psi - Rate 33 bpm.

Coal was encountered at N.R. Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ None
Producing Sand WEIR and BIG INJUN Depth 2,000-2,054 - 2,232 - 2,394

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand-Shale	Grey	Soft	0	1266		
Sand	Grey	Hard	1266	1344		
Shale	Grey	Soft	1344	1390		
Sand	Grey	Hard	1390	1445		
Sand-Shale	Grey	Soft	1445	1934		
Lime	Grey	Hard	- 1934	1992		
Sandy-Lime	Grey	Hard	1992	2070	Sho Gas	
Shale	Grey	Soft	2070	2232		
Sand (WEIR)	Grey	Soft	2232	2350		
Shale	Grey	Soft	2350	2452	T.D.	

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAY 16 1978

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE May 15, 1978

Surface Owner D.M. Haught et al

Company United Operating Company

Address New Milton, WV

Address 600 Commerce Square, Charleston, WV

Mineral Owner Same

Farm M. Haught Acres 132

Address Same

Location (waters) Fred's Run

Coal Owner _____

Well No. 1 (I593) Elevation 1075

Address _____

District Southwest County Doddridge

Coal Operator _____

Quadrangle Oxford 7 1/2

Address _____

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 9-17-78

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS Clarksburg, WV

PHONE 622-3871

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 6-1 1909 by D. M. Haught made to Consolidated/thence United Operating Co. and recorded on the _____ day of _____ 19____, in Doddridge County, Book 28 Page 310

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

Very truly yours,

(Sign Name) J. L. Tuttle

United Operating Company
600 Commerce Square

Address
of
Well Operator

Street
Charleston, WV 25301

City or Town

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

DODD-1901

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

47-017

Signed by _____

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Warren Haucht _____ NAME Lyle Coffman & J. L. Trittipo _____
 ADDRESS Smithville, WV _____ ADDRESS Norris Road, Glenville, WV _____
 TELEPHONE 1-477-2222 _____ TELEPHONE 1-462-7176 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2400' _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Weir _____
 TYPE OF WELL: OIL X GAS X 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			
9 - 5/8			
8 - 5/8	300'	300'	Circ.
7			
5 1/2			
4 1/2	0	2400'	700' fill=up
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 140 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

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

West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

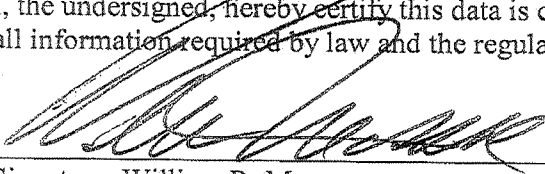
API: 47-017-1901^P WELL NO: 1
COUNTY: DODDRIDGE DISTRICT: SOUTHWEST
FARM NAME: M. HAUGHT
RESPONSIBLE PARTY NAME: OHIO L & M COMPANY, INC.
QUADRANGLE: OXFORD
SURFACE OWNER: ANDA M. HILEMAN & JANET L. BELL
ROYALTY OWNER: SEE ATTACHED LIST
UTM GPS NORTHING: 4341479
UTM GPS EASTING: 514309
GPS ELEVATION: 348 METERS (1142')

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone 17 North, Coordinate Units: meters.
Altitude: Height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:
Survey grade GPS Post Processed Differential
Real-Time Differential
Mapping Grade GPS Post Processed Differential
Real-Time Differential

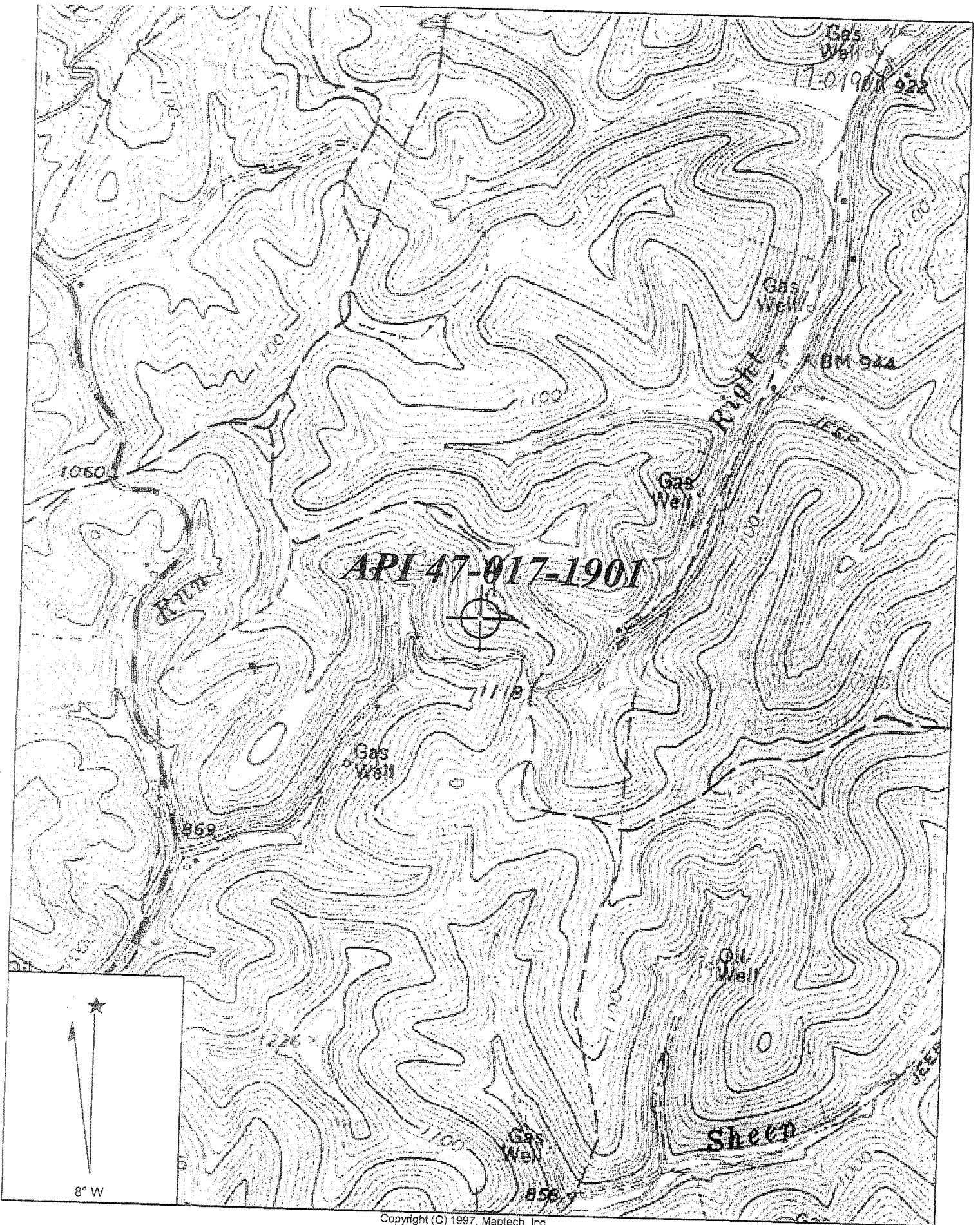
4. Letter size copy of the topography map showing the well location.

I, the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature: William R. Mossor

Professional Surveyor # 551
Title

August 27th, 2012
Date



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west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

September 10, 2012

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1701901, issued to OHIO L & M COMPANY INC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: M. HAUGHT 1
Farm Name: HILEMAN, ANDA M.
API Well Number: 47-1701901
Permit Type: Plugging
Date Issued: 09/10/2012

Promoting a healthy environment.

09/14/2012