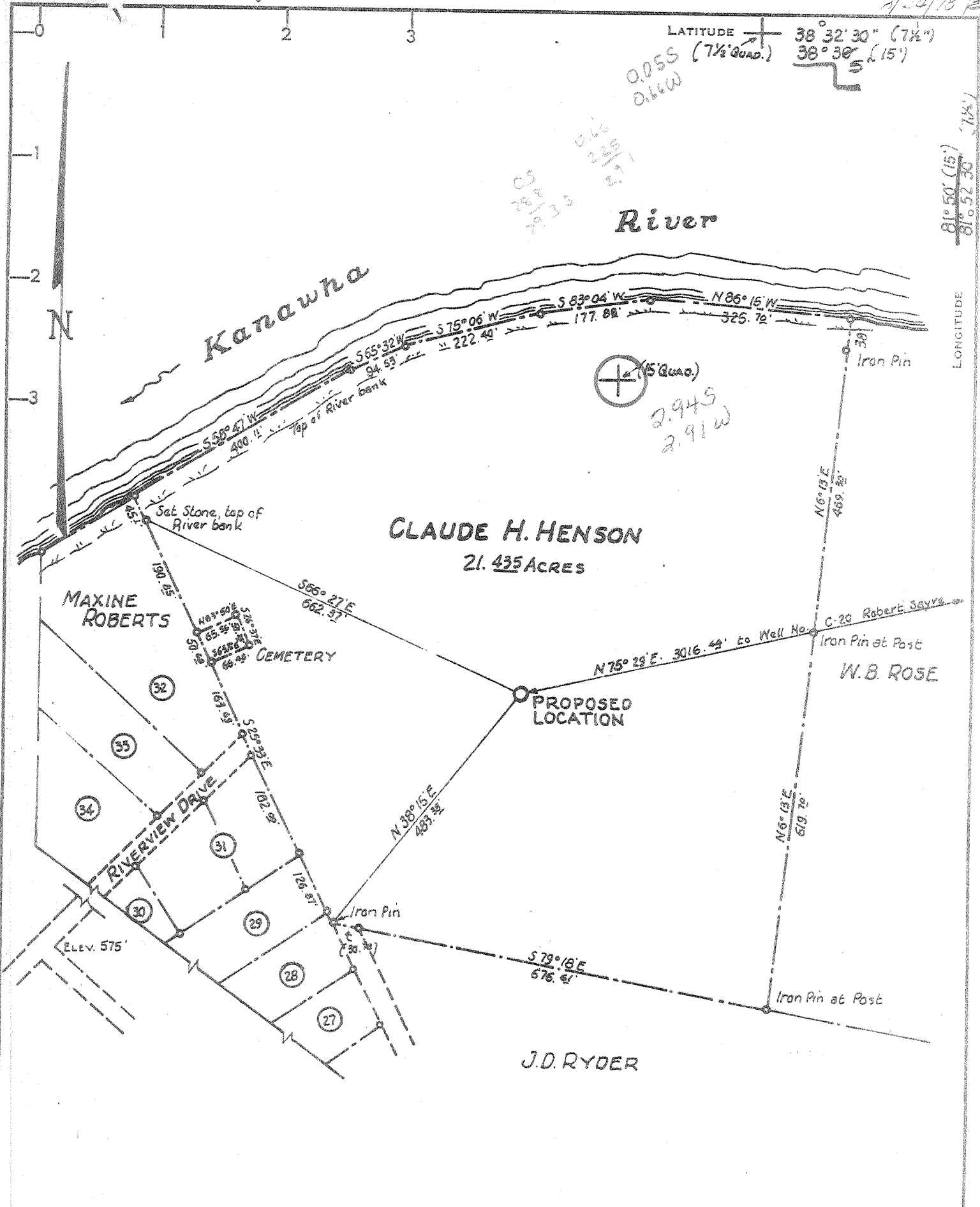


2/24/78



CERTIFICATE

"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."

Minimum degree of accuracy is one part in 200

Signed William S. Smiley L.L.S. #116

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY: TEAVEE OIL & GAS INCORPORATED
 ADDRESS: 1901 KANAWHA VALLEY BLDG., CHARLESTON, W.VA.
 FARM: CLAUDE H. HENSON
 MAP: _____ ACRES: 21.435 LEASE NO.: _____
 WELL (FARM) NO.: ONE SERIAL NO.: C-23
 ELEVATION (SPIRIT LEVEL): 584.66'
 QUADRANGLE: WINFIELD S.W. SC
 COUNTY: PUTNAM DISTRICT: SCOTT
 POINT OF PROVEN ELEVATION: U.S.G.S. DATUM - Intersection of Riverview Drive with first street to the west.
 FILE NO.: _____ DRAWING NO.: _____
 DATE: AUGUST 22, 1978 SCALE: 1" = 200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. PUT-917
 SEP 11 1978

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 24,000 & TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN. 47-079
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

DEEP WELL G-6 Scott Depot (212)

IV-35
(Rev 8-81)

RECEIVED



JUL 10 1985

OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date 7/1/85
Operator's
Well No. C-23
Farm Claude Henson
API No. 47 - 079 - 0917

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production XX / Underground Storage / Deep X / Shallow /)

LOCATION: Elevation: 584.66 Watershed Kanawha River
District: Scott County Putnam Quadrangle Winfield

COMPANY Teavee Oil & Gas, Inc.
ADDRESS 1901 Kanawha Valley Bldg. Charleston, WV
DESIGNATED AGENT D. K. Bowers
ADDRESS same as above
SURFACE OWNER Claude Henson
ADDRESS Fraziers Bottom, WV
MINERAL RIGHTS OWNER Claude Henson
ADDRESS Fraziers Bottom, WV
OIL AND GAS INSPECTOR FOR THIS WORK C. Hively ADDRESS Elkview, WV
PERMIT ISSUED 8/24/78
DRILLING COMMENCED 8/29/78
DRILLING COMPLETED 9/2/78
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10 3/4	210	210	90
9 5/8			
8 5/8			
7	1858	1858	Bottom hole packer
5 1/2			
4 1/2			
3 1/2		4455	130
2			50/50 POZMIX
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Sand Depth 4448 feet
Depth of completed well 4475 feet Rotary xx / Cable Tools
Water strata depth: Fresh 80 feet; Salt 1070 feet
Coal seam depths: N/A Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Oriskany Sand Pay zone depth 4448 feet
Gas: Initial open flow SHOW Mcf/d Oil: Initial open flow N/A Bbl/d
Final open flow 100 Mcf/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 48 hours
Static rock pressure 1300 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation N/A Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

JUL 22 1985

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated Intervals; 4447-4449 8 shots

Treated with 250 gallons HCl 15%, 10,000 lbs 80/100 sand and 15,000 lbs. 20/40 sand, 509 bbls. H₂O.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Surface			0,0	80	Freshwater
Shale			80	100	
Shale & Red rock			100	120	
Sand			120	142	
Shale & Red rock			142	600	
Sand & Shale			600	800	
Sand & Slate			800	960	Salt water
Slate & Shells			960	1177	Salt water
Salt Sand			1177	1298	
Slate & shells			1298	1542	
Little Lime			1542	1559	
Lime Shells			1559	1562	
Big Lime			1562	1658	
Slate & Shells			1658	1711	
Big Injun			1711	1770	
Shale			1770	2139	
Coffee Shale			2139	2163	
Berea Sand			2163	2189	
Gray Shale			2189	3468	
*BROWN SHALE			3468	3796	
White Slate			3796	4132	
*MARCELLUS SHALE			4132	4353	
*CORNIFEROUS LIME			4353	4449	
*ORISKANY-SAND			4449	4459	GAS
Lime			4459	4478	TD

*INDICATES ELECTRIC LOG TOPS

(Attach separate sheets as necessary)

TEAVEE OIL & GAS, INC.

Well Operator

By:

D K Bowers Agent

Date:

7/1/85

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECEIVED
AUG 24 1978
OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Claude Henson
Address Fraziers Bottom, W. Va.
Mineral Owner Same
Address Same
Coal Owner Same
Address Same
Coal Operator None
Address None

DATE August 19, 1978
Company Teavee Oil & Gas, Inc.
Address 19th Fl. Kanawha Valley Bldg, Chas. W. Va.
Farm Claude Henson Acres 21.435
Location (waters) Kanawha River
Well No. 1-C-23 Elevation 584.66
District Scott County Putnam
Quadrangle Winfield

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 12-25-78.

INSPECTOR Martin Nichols
TO BE NOTIFIED
ADDRESS Clendenin, W. Va.
PHONE 548-6993

Robert H. Bell
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 May 5 1970 by Everett Cash made to Teavee Oil & Gas, Inc. and recorded on the 16th day of May 1970, in Putnam County, Book 55 Page 415.

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:

Very truly yours, [Signature]
(Sign Name) Teavee Oil & Gas, Inc.
Well Operator

W. VA. OIL & GAS CONSERVATION COMMISSION
1613 WASHINGTON STREET, EAST
CHARLESTON, WEST VIRGINIA 25311

Address of Well Operator

19th Fl. Kanawha Valley Bldg.
Street
Charleston
City or Town
West Virginia
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

"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."

Signed by _____

PUT-917 PERMIT NUMBER

47-079

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 F. W. A. Drilling Co., Inc. NAME V. C. Smith
 ADDRESS P.O. Box 448, Elkview, W. Va. ADDRESS 1901 Kan. Valley Bldg, Chas. W. Va.
 TELEPHONE 965-3379 TELEPHONE 342-2125
 ESTIMATED DEPTH OF COMPLETED WELL: 4445 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ 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	200	200	Surface
9 - 5/8			
8 - 5/8			
7	2070	2070	Anchor Packer
5 1/2			
4 1/2			
3	4475	4475	Perf. Top <u>1000 feet</u>
2			Perf. Bottom <u>1000'</u>
Liners			Perf. Top _____
			Perf. Bottom _____

APPROXIMATE FRESH WATER DEPTHS 80 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS None Known _____
 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