OG – 1
Rev. – 71

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

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE July 20, 1978

Surface Owner Tony Gritt
Address Eleanor, W. Va.
Mineral Owner Neva Gunter and Frank Gunter
Address Cheshire, Ohio
Coal Owner Same
Address Same
Coal Operator Same
Address Same

Company Teavee Oil & Gas, Inc.
Address 19th Fl. Kanawha Valley Bldg. Chas.
Farm Neva Gunter et Al Acres 151 1/6
Location (waters) 18 Mile Creek
Well No. TV #97 Elevation 690.05
District Buffalo 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 11-25-78.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Martin Nichols
ADDRESS P.O. Box 554, Clendenin, W.Va. 25045
PHONE 548-6993

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 June 23 1972 by Neva Gunter & Arthur Casto made to Teavee Oil & Gas, Inc. and recorded on the 11th day of August 1972, in Putnam County, Book 56 Page 678

X 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 None day ____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

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

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

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, W. Va.
City or Town
West Virginia
State

09/29/2023

*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

PUT-908
PERMIT NUMBER

47-079

"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 ____

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)
NAME FWA Drilling Co., Inc.
ADDRESS P.O. Box 448, Elkview, W. Va.
TELEPHONE _____

RESPONSIBLE AGENT:
NAME V. C. Smith
ADDRESS 1901 Kan. Valley Bldg. Chas. W. Va.
TELEPHONE 342-2125

ESTIMATED DEPTH OF COMPLETED WELL: _____
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 10 3/4	120	120	To surface
9 - 5/8			
8 - 5/8			
7	2350	2350	100 sacks
5 ½			
4 ½			
3	4550	4550	Perf. Top 25 sacks
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40 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.

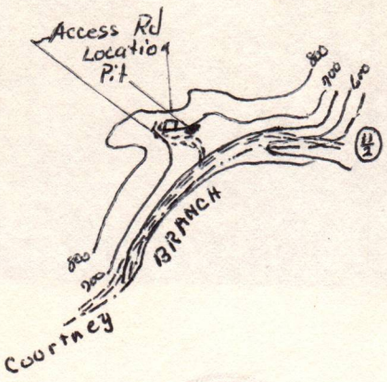
WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

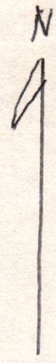
We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

09/29/2023

_____
For Coal Company

_____
Official Title





WINFIELD 7.5

Company Teavee Oil & Gas Inc.

Farm Frank Gunter-Neva Gunther
Tony Gritt (surface)

District Buffalo

County Putnam-908

The access road will leave the Courtney Branch Road an unimproved dirt road and go on the edge of an old field then up a moderate rise to a bench which is the location. The bench will have to be improved to level the location and some dirt moved to go up the rise. Some trees will have to be removed and stump holes filled in. The pit will be on the lower side of the location and will be lined with plastic to hold drilling fluids. Courtney Branch is on the other side of the State dirt road and will not be affected. After drilling operations have been completed the pit will be filled in and the location seeded.

I certfy that all requirements of Chapter 22,Article 4, Section 12b of the W.Va. code of 1931, as amended will be carried out.

Signed: [signature]

Title: President
Date: July 20,1978

09/29/2023

FORM IV-35
(Obverse)

[08-78]

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

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

Date: 7/1/85, 19____
Operator's Well No. TV-97
API Well No. 47 - 079 - 0908
State County Permit

WELL TYPE: Oil____/ Gas X / Liquid Injection____/ Waste Disposal____/
(If "Gas", Production X / Underground storage____/ Deep X / Shallow____/)

LOCATION: Elevation: 690 Watershed: Eighteen Mile Creek
District: Buffalo County: Putnam Quadrangle: Winfield 7.5'

WELL OPERATOR Teavee Oil & Gas, Inc.
Address 1901 Kan. Valley Bank Bldg. Charleston, WV

DESIGNATED AGENT D. K. Bowers
Address 1901 Kan. Val. Bank. Bldg. Charleston, WV

PERMITTED WORK: Drill X / Convert ____/ Drill deeper ____/ Redrill ____/ Fracture or stimulate X
Plug off old formation____/ Perforate new formation____/
Other physical change in well (specify) _____

RECEIVED
JUL 10 1985
OIL & GAS DIVISION
DEPT. OF MINES

PERMIT ISSUED ON 11/21/78, 19____

OIL & GAS INSPECTOR FOR THIS WORK
Name C. Hiveley
Address Elkview, WV

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED
_____, 19____

GEOLOGICAL TARGET FORMATION: Oriskany Depth 4544 feet

Depth of completed well, 4474 feet Rotary X / Cable Tools ____

Water strata depth: Fresh, 80 feet; salt, 1191 feet.

Coal seam depths: N/A Is coal being mined in the area? No

Work was commenced 7/29/78, 19____, and completed 8/3/78, 19____

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water	10 3/4"					167	167	85	
Coal									Sizes
Intermediate	7					2171	2171	Bottom hole Packer	
Production	3 1/2						4474	200 50/50 pozmix	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OPEN FLOW DATA

Producing formation Brown shale Pay zone depth 3535 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, 72 hours

Static rock pressure, 400 psig (surface measurement) after 24 hours shut in

[If applicable due to multiple completion--]

Second producing formation Marcellus shale Pay zone depth _____ feet

Gas: Initial open flow, see above 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 measurement) after _____ hours shut in

PUT 0908

09/29/2023

09/29/2023

FORM IV-35
(Reverse)

[08-78]

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

Perforated intervals: 3410-3445 5 shots, 3538-3574, 5 shots, 3670-3705 5 shots, 3772-3807 5 shots, 4430-4450, 5 shots.

Treated with Foam Frac. 80/100 15,000 lbs. , 20/40 30,000 lbs.

1000 gal. 15% HCI 530 MSCF N_2

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	45	
Sand and red rock			45	100	Freshwater @80
Red rock			100	380	
Sand			380	415	
Slate			415	500	
Sand			500	529	
Slate			529	640	
Sand			640	681	
Slate			681	1169	
Slate & Shells			1169	1251	
Sand			1251	1290	
Salt sand			1290	1551	
Little lime			1551	1578	
Big lime			1578	1780	
Slate			1780	1840	
Big injun			1840	1905	
Slate			1905	2255	
Coffee shale			2255	2289	
Berea sand			2289	2318	
Slate & Shell			2318	3000	
Gray shale			3000	3535	
*Brown shale			3535	3928	Gas
White slate			3928	4276	
*Marcellus shale			4276	4428	Gas
*Corniferous lime			4428	4544	
*Oriskany sand			4544	4545	
Lime			4545	4576	Total depth
*INdicates electric log					

(Attach separate sheets to complete as necessary)

Teavee Oil & Gas Inc.
Well Operator

By D. R. Bowers Geologist

Its 7/1/85

09/29/2023

NOTE: Regulation 2.02(i) provides as follows:

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

09/29/2023

OG-11

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

RECEIVED
AUG 02 1978
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Put-908

Oil or Gas Well (KIND) Gas

Company Teavee Oil & Gas Inc
Address Charleston, WVa
Farm Neva Gunter et Al
Well No. TV-#97
District Buffalo County Putnam
Drilling commenced 7-28-78
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10	165	165'	Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10 3/4 SIZE 165 No. FT 7-28-78 Date
NAME OF SERVICE COMPANY Wells Service
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:
Cemented with 80 Bags'
Ran-2147-7" Pipe Set on Packer-

8-1-78
DATE

Martin B. Nichols 508
DISTRICT WELL INSPECTOR

09/29/2023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____ Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ DATE

I hereby certify I visited the above well on this date.

09/29/2023

_____ DISTRICT WELL INSPECTOR

\IR-20
Obverse
7-85

17-Jul-85

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

DEPARTMENT OF ENERGY
OIL AND GAS

JAN 8 1986

Company: TEAVEE OIL & GAS, INC. Permit No. 47- 79-0908 (11-21-78)
Farm: CASTO, ARTHUR ETAL Well: TV-97 County: PUTNAM

Rule	Description	In Compliance Yes	In Compliance No
23.06	Notification prior to starting work		
25.04	Prepred before drilling to prevent waste		
25.03	High pressure drilling		
16.01	Required permits at wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strength		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
[illegible]	Well Records Filed		
7.05	Identification Markings		

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Carlos Hively

DATE 1/2/86

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above well will remain under bond coverage for the life of the well.

Director-Oil and Gas Division

January 17, 1986

Date

TMS/nw

09/29/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

Company: TEAVEE OIL & GAS, INC. Permit No. 47- 29-0908
Farm: CASTO, ARTHUR ETAL Well: TV-97 County:PUTNAM

Rule	Description	In Compliance Yes	In Compliance No
23.06	Notification prior to starting work		
25.04	Prepared before drilling to prevent waste		
25.03	High pressure drilling		
15.01	Required permits at wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strength		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
	Well Records Filed		
7.05	Identification Markings		

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED_____

DATE_____

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above well will remain under bond coverage for the life of the well.

_____
Director-Oil and Gas Division

_____
Date

OG - 22
Rev. - 9-71

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
NOTICE OF VIOLATION

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

Permit Number Put-908

Company Teave Oil and Gas Co.

Address _____
Street

Winfield
City

W Va
State

Responsible Agent _____

Address _____

Farm Tony Gritt Jr Acres 151

Location of Well (Waters) Isac Branch

Company Well No. _____

District Buffalo

County Putnam

The above described well is being posted this 20th day of July, 1978. A copy of this violation notice has this day been posted at the well site and either delivered personally or sent by Registered Mail, (return receipt requested) to the above address in accordance with the provisions of Chapter 22, Article 4, Section lg of the Official Code of West Virginia for the following violation.

Chapter 22, Article 4, Section 22-4-1K-12b

Administrative Regulation Rule No. 2 _____

Detailed description of violation:

_____

_____

_____

You are hereby granted until _____, 19____ to totally abate the above described violation.

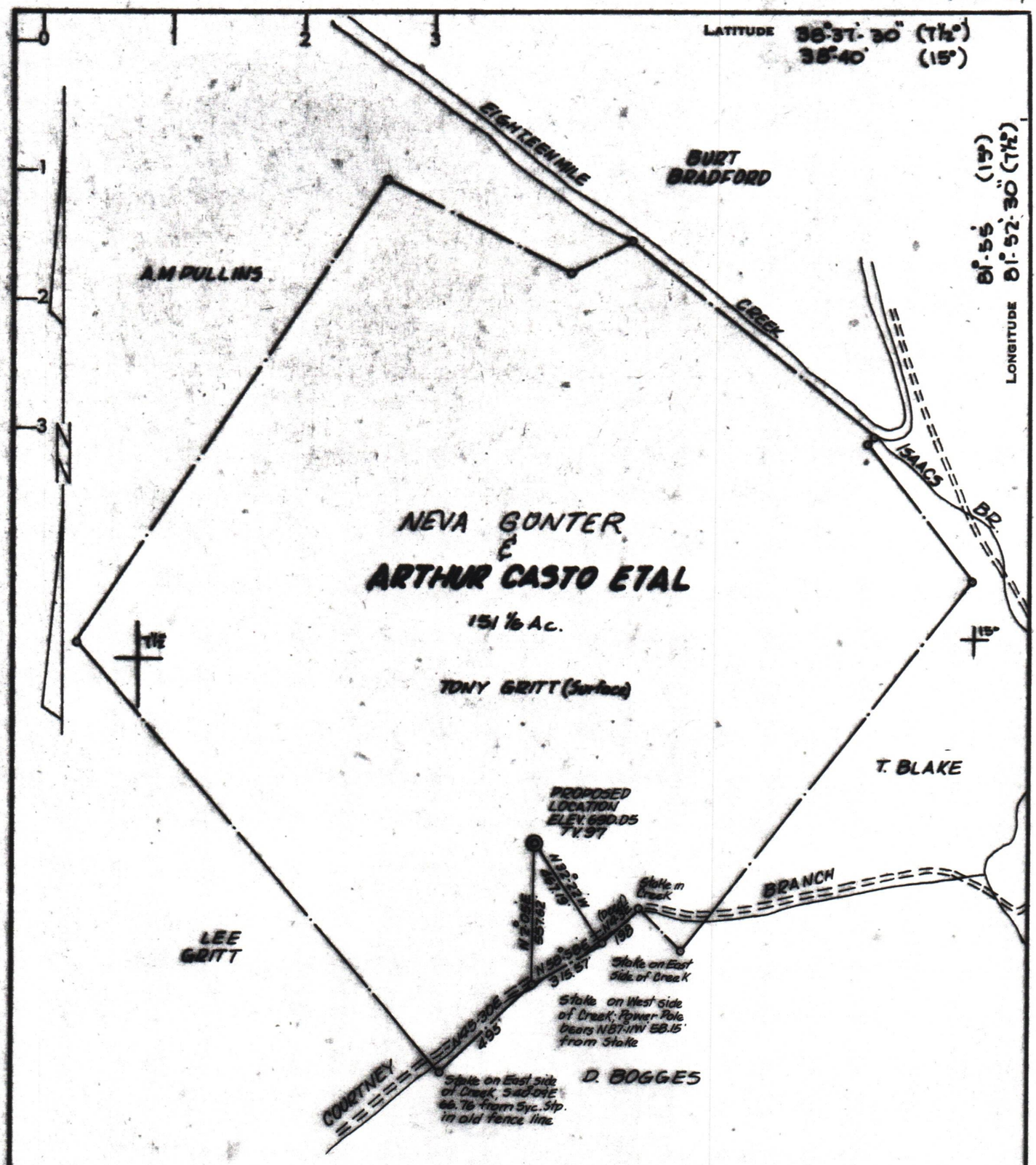
Failure to comply with this order will prompt action by the Oil and Gas Division under Chapter 22, Article 4, Section 17, Offenses, Penalties, or Chapter 22, Article 4, Section 18, Injunctive Relief of the West Virginia Code.

Signed Martin B. Michels
Oil and Gas Inspector

Date July 20-1978

09/29/2023

7/25/78



■ NEW LOCATION
☐ RECONDITION
☐ DRILL DEEPER
☐ ABANDONMENT

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: Frank V. Barker LLS #289

COMPANY TEAVEE OIL & GAS INC.
ADDRESS 1901 KANAWHA VALLEY BUILDING, CHARLESTON, W. VA
FARM ARTHUR CASTO ET AL & Neva Gunter (Tony Gritt surf)
MAP ACRES 151 ⅙ LEASE NO.
WELL (FARM) NO. 1 SERIAL NO. TK 97
ELEVATION (SPIRIT LEVEL) 690.05
QUADRANGLE WINFIELD 7½' & 15'
COUNTY PUTNAM DISTRICT BUFFALO
POINT OF PROVEN ELEVATION PUT. WELL 778
FILE NO. DRAWING NO.
DATE JUL. 20, 1978 SCALE 1" = 500 FT.

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

08/29/2023

WELL LOCATION MAP

FILE NO. PUT-908

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

— DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

47-079

4550 Operator