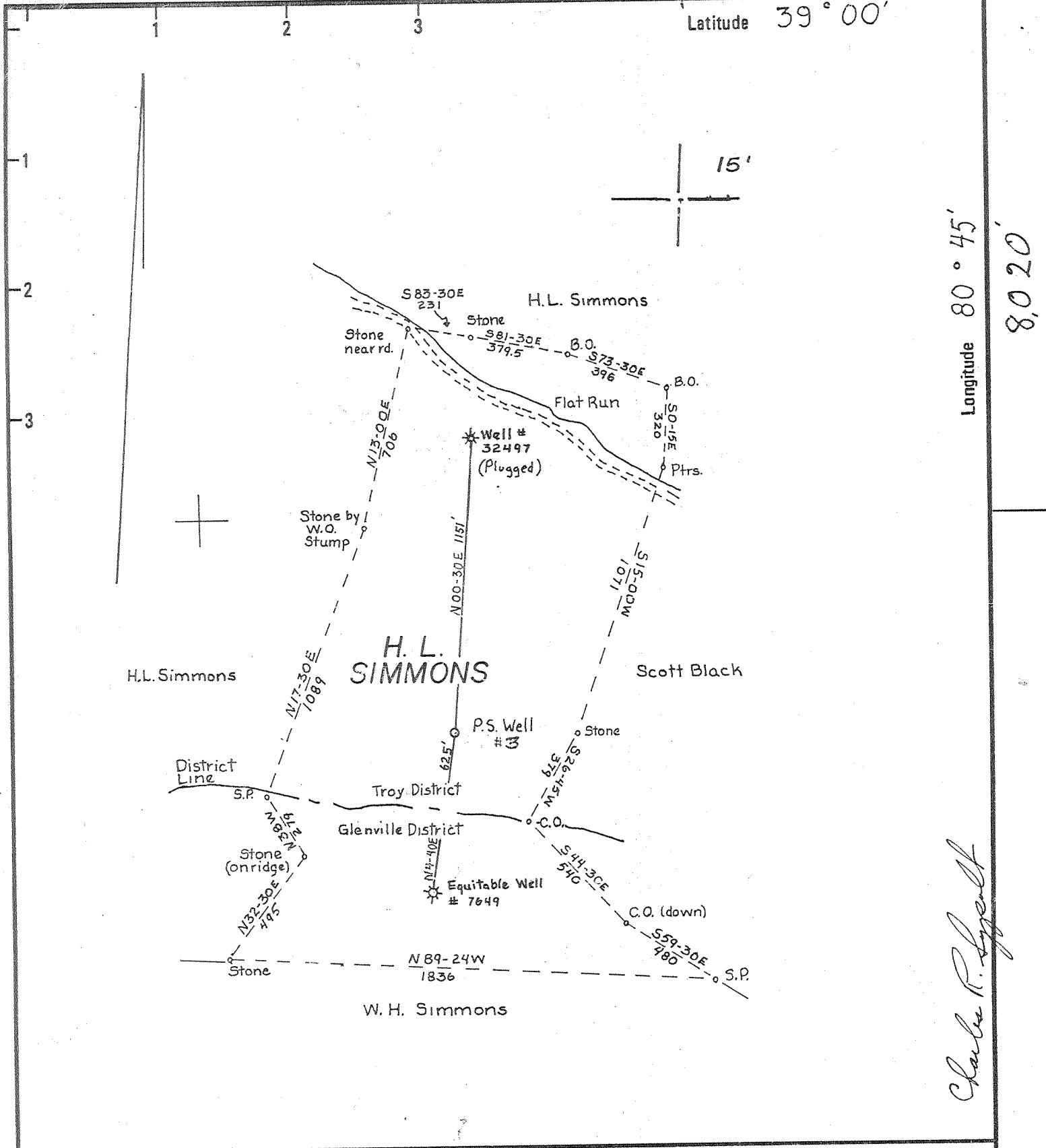


12,190'

8/2/78

Latitude 39° 00'



Longitude 80° 45'

Charles R. Lyzell

New Location <input checked="" type="checkbox"/> Drill Deeper <input checked="" type="checkbox"/> 11/2/78 Abandonment <input type="checkbox"/>	Minimum Error of Closure ... 1 part in 200 Source of Elevation Equitable Well 7649 "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."
--	--

Company	Pacific States Gas and Oil, Inc. 659
Address	P.O. Box 67, Glenville, W.V.
Farm	H.L. Simmons, Lois Tobla and Fred Beeson
Tract	Acres 57.38 Lease No. _____
Well (Farm) No.	P.S. #3 Serial No. _____
Elevation (Spirit Level)	1125'
Quadrangle	Glenville 7 1/2, 15"
County	Gilmer District Glenville
Engineer	_____
Engineer's Registration No.	_____
File No.	_____ Drawing No. _____
Date	July 26, 1978 Scale 1" = 500'

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

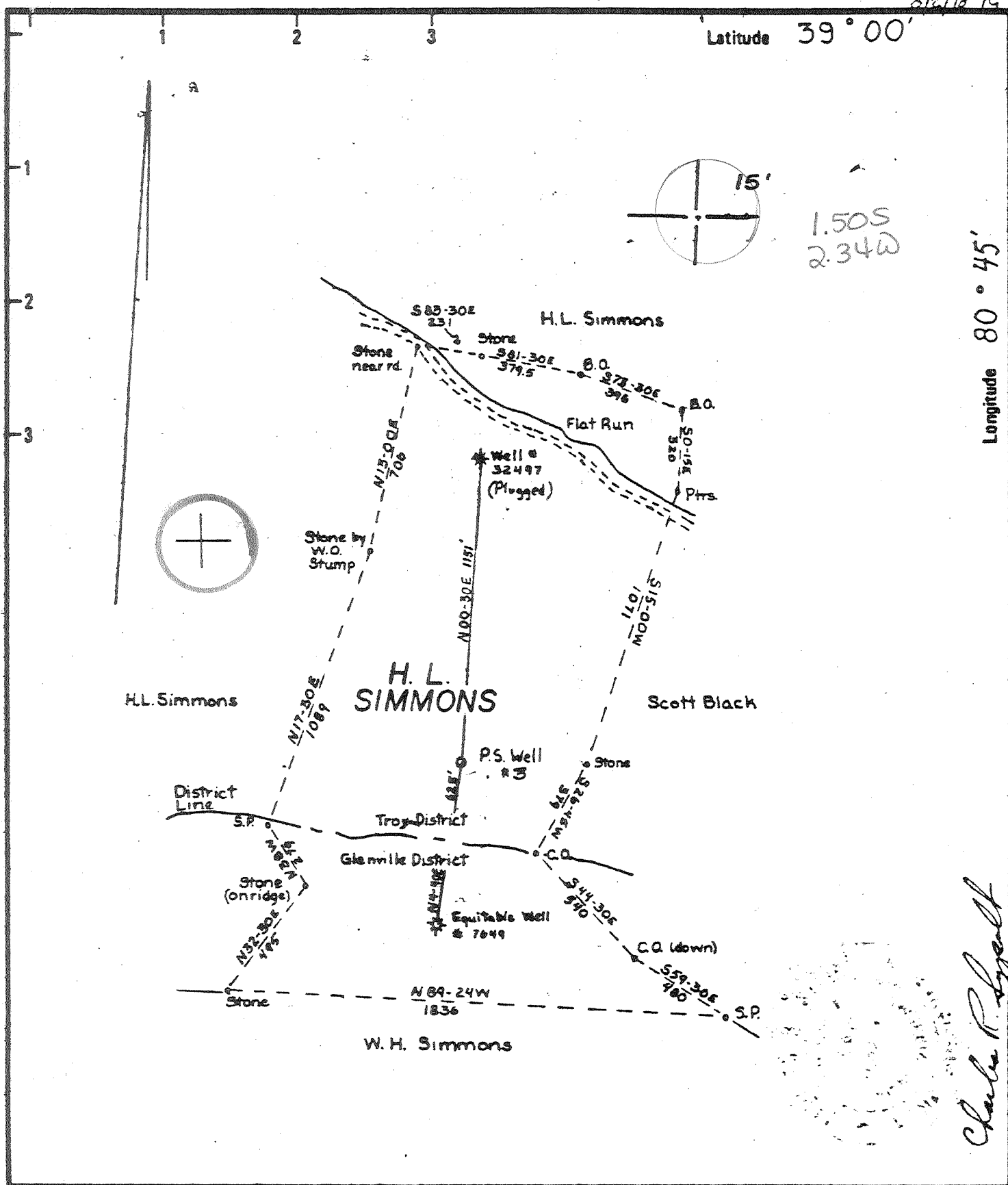
WELL LOCATION MAP
 FILE NO. **GIL-3382-DD-1720**
Fracture Permit Cancelled

+ 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.

NOV 24 1988
47-021

6000' DEEP



New Location <input checked="" type="checkbox"/> Drill Deeper <input checked="" type="checkbox"/> 11/2/78 Abandonment <input type="checkbox"/>	Minimum Error of Closure 1 part in 200 Source of Elevation Equitable Well 7649 "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."
--	--

Company	Pacific States Gas and Oil, Inc.
Address	P.O. Box 67, Glenville, W.V.
Farm	H.L. Simmons, Lois Tobler and Fred Benson
Tract	Acres 57.38 Lease No.
Well (Farm) No.	P.S. #3 Serial No.
Elevation (Spirit Level)	1125'
Quadrangle	Glenville 7 1/2 15° NE
County	Gilmer District Glenville
Engineer	
Engineer's Registration No.	
File No.	Drawing No.
Date	July 26, 1978 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. **GIL-3382-DD-Frac.**

+ 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.

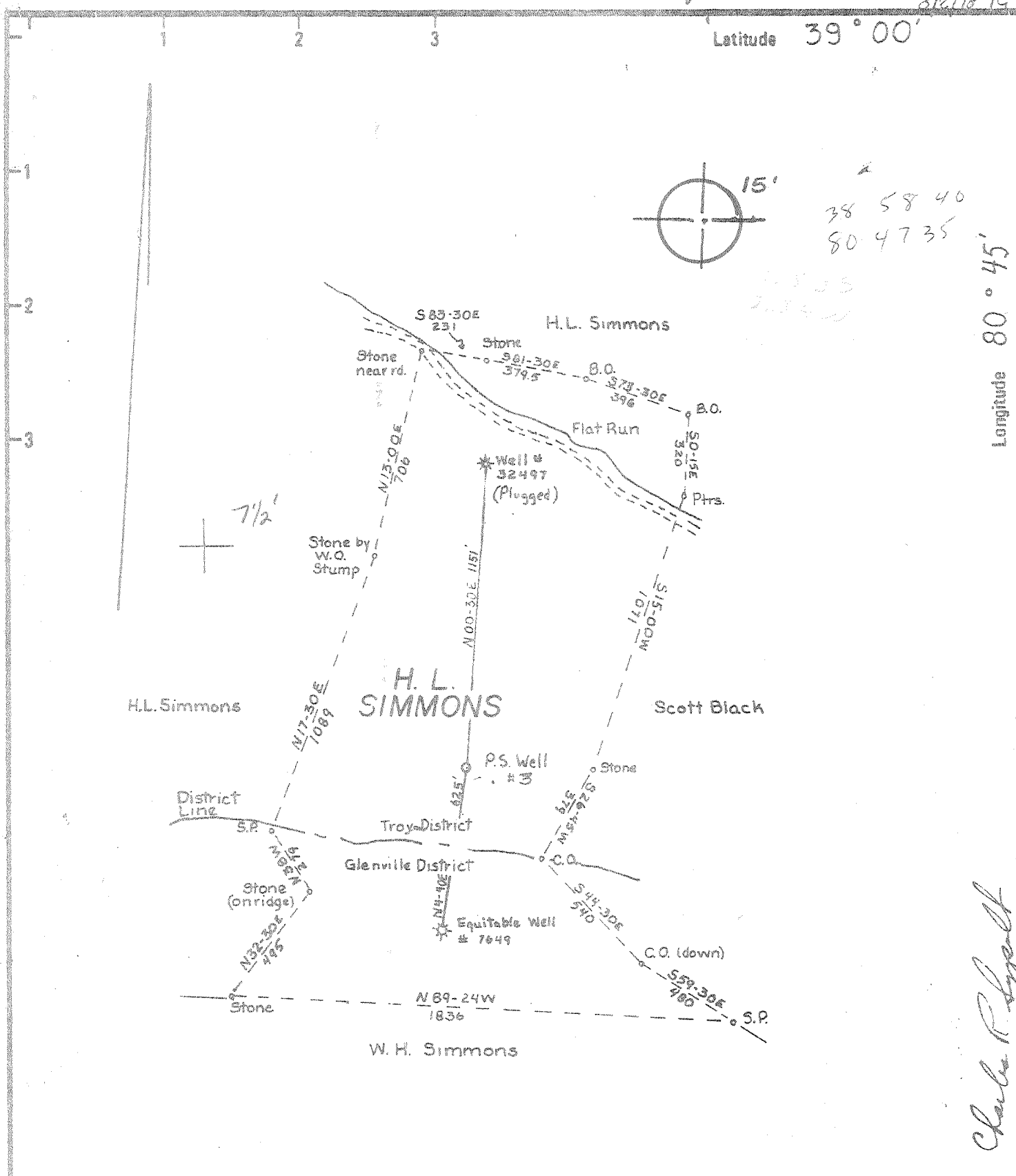
- Denotes one inch spaces on border line of original tracing.

47-021

8/2/78 R

Latitude 39° 00'

Longitude 80° 45'



Charles R. Spartz

New Location <input checked="" type="checkbox"/> Drill Deeper <input checked="" type="checkbox"/> 11/2/78 Abandonment <input type="checkbox"/>	Minimum Error of Closure 1 part in 200 Source of Elevation Equitable Well 7649 "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."
--	--

Company <u>Pacific States Gas and Oil, Inc.</u>
Address <u>P.O. Box 67, Glenville, W.V.</u>
Farm <u>H.L. Simmons, Lois Tolia and Fred Pearson</u>
Tract _____ Acres <u>57.38</u> Lease No. _____
Well (Farm) No. <u>P.S. #3</u> Serial No. _____
Elevation (Spirit Level) <u>1125'</u>
Quadrangle <u>Glenville 7 1/2 15' NE</u>
County <u>Gilmer</u> District <u>Glenville</u>
Engineer _____
Engineer's Registration No. _____
File No. _____ Drawing No. _____
Date <u>July 26, 1978</u> Scale <u>1" = 500'</u>

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

WELL LOCATION MAP
FILE NO. GIL-3382-DD

+ 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.

47-021 NOV 21 1978

1500' Gas Well 6-6 Glenville N. (182)

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

Date February 1, 1979, 19

FORM IV-35
(Obverse)

Operator's
Well No. H.L. Simmons #3

[08-78,

WELL OPERATOR'S REPORT
OF

API Well No. 47 - 021 - 3382
State County Perm

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1125 Watershed: Flat Run
District: Troy County: Gilmer Quadrangle: Glenville

WELL OPERATOR Eastern American Energy Corporation DESIGNATED AGENT James C. Recht
Address P.O. Box N Address P.O. Box N
Glenville, West Virginia 26351 Glenville, W.Va. 26351

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

PERMIT ISSUED ON November 6, 1978

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name Paul Goodnight

Address Smithville

West Virginia

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 6500 feet

Depth of completed well, 6778 feet Rotary X / Cable Tools ___

Water strata depth: Fresh, 102 feet; salt, ___ feet.

Coal seam depths: 201-206 Is coal being mined in the area? NO

Work was commenced November 13, 1978, and completed November 29, 1978

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
ductor	20	---	----		XX	0-20	-0--		Kinds
water	8 ⁵ / ₈	H-40	20	XX		0-415	415	125 SKS	Sizes
intermediate									
Production	4 ¹ / ₂	CW55	10.5	XX			6645	600 SKS	Depths set
Tubing	2 ³ / ₈	K55	2.75	XX			6392	0	
Liners									Perforations:
									Top Bottom
									6468-----6504
									6394-----6433

OPEN FLOW DATA

Producing formation Marcellus Shale Pay zone depth 6390-----6510 feet

Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d

Final open flow, 1200 Mcf/d Final open flow, _____ Bbl/d

Time of open flow between initial and final tests, 4 hours

Static rock pressure, 2300 psig (surface measurement) after 24 hours shut in

[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ feet

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 measurement) after _____ hours shut in

FEB 20 1979

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

PERF: 1st Stage: 10-0.39" Diameters Holes @ 6468,6472,6476,6480,6484,6488,6492,6496,6500,6504
 2nd Stage: 10-0.49" Diameter Holes @ 6394,6396,6398,6403,6413,6417,6421,6425,6429,6433

FRAC: 1st Stage: 393 BBL H₂O, 15,000lbs. 80/100 Sand, 10,000lbs. 20/40 Sand, 350 Lbs. J-266,
 10 gals. F-78, 10 gal W-22, 25 gal U-53, 500 gals 15% HCL.
 2nd Stage: 626 bbl H₂O, 15,000 lbs. 80/100 Sand, 35,000 Lbs. 20/40 Sand, 500 Lbs.
 J-266; 10²gal F-78, 10 gal W-22, 30 gal U-53, 500 gals 15% HCL

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	15	
Gravel			15	18	
Shale			18	32	
Sand & Shale			32	49	
Sand & Shale & Red Rock			49	88	
Sand			88	130	
Sand & Shale & Red Rock			130	201	
Coal			201	206	
Sand			206	225	
Red Rock			225	231	
Sand & Shale			231	271	
Red Rock			271	283	
Sand Shale			283	498	
Sand			498	518	
Sand & Shale & Red Rock			518	764	
Sand & Shale			764	1358	
Sand			1358	1496	
Sand & Shale			1571	1608	Top E Log @ 1600
Maxton			1608	1640	
Shale			1640	1679	
Little Lime			1679	1703	
Bule Monday			1703	1721	
Big Lime			1721	1820	
Big Injun			1820	1913	
Shale			1913	1967	
Weir			1967	2139	
Shale			2139	4617	
Benson			4617	4640	
Shale			4640	4749	
Elk ?			4749	5057	
Shale			5057	6432	
Tully Lime			6432	6457	
Shale			6457	6509	
Chert			6509	6778	
TD			6778		

(Attach separate sheets to complete as necessary)

Eastern American Energy Corporation

Well Operator

By John Mork

Its President

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

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
AUG 01 1978

OIL & GAS DIVISION
DEPT. OF MINES

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

DATE July 31, 1978

Surface Owner Lois Tobia and Fred Beeson
Address Glenville, WV
Mineral Owner H.L. Simmons
Address Gilmer Co., WV
Coal Owner H.L. Simmons or his assigns
Address Gilmer Co., WV
Coal Operator None
Address _____

Company Pacific States Gas & Oil, Inc.
Address P.O. Box 67, Glenville, WV
Farm H.L. Simmons Acres 57
Location (waters) Flat Run
Well No. P.S. #3 Elevation 1125
District Troy County Gilmer
Quadrangle Glenville

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 12-2-78.

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, WV
PHONE 477-3660

[Signature]
GENTLEMEN: Director - Oil & Gas Division

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 Feb. 12 19 32 by H.L. Simmons made to Pitts. & WV Gas Co. and recorded on the 16 day of March 19 32 in Gilmer County, Book 123 Page 251

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

Address
of
Well Operator

Very truly yours,
(Sign Name) [Signature]
Well Operator
P.O. Box 67
Street
Glenville,
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

GIL-3382 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."

47 021

Signed by [Signature]

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

PROPOSED WORK ORDER TO XX DRILL DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S.W. Jack Drilling NAME John Mork
 ADDRESS Buckhannon, WV ADDRESS P.O. Box 67, Glenville, WV
 TELEPHONE 472-2161 TELEPHONE 462-8118
 ESTIMATED DEPTH OF COMPLETED WELL: 5250 Ft. ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 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			
9 - 5/8			
8 - 5/8	400	400	Surface
7			
5 1/2			
4 1/2	5250	5250	250 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS 50 feet
 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



RECEIVED RECEIVED

NOV - 8 1978

NOV 06 1978

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

DEPT. OF MINES
W. VA. OIL & GAS
CONSERVATION COMMISSION

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 27, 1978
Company Eastern American Energy Corp. dba Pacific States Gas & Oil, Inc.
Address P.O. Box 67, Glenville, WV
Farm H.L. Simmons Acres 57
Location (waters) Flat Run
Well No. E.A. #3 Elevation 1125
District Troy County Gilmer
Quadrangle Glenville

Surface Owner Clifford O. Roberts
Address Virginia Beach, Virginia
Mineral Owner H.L. Simmons
Address Gilmer County, West Virginia
Coal Owner H.L. Simmons or his assigns
Address Gilmer Co., WV
Coal Operator None
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 deepening. This permit shall expire if operations have not commenced by 3-7-79

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, WV
PHONE 477-3660

Robert H. Padd
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 Feb. 12 1932 by H.L. Simmons made to Pitts. & WV Gas Co. and recorded on the 16th day of March 1932 in Gilmer County, Book 123 Page 251

NEW WELL XX 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.

Very truly yours,

(Sign Name) Tom Cully
Well Operator

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

Address of Well Operator

P.O. Box 67
Street
Glenville
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

GIL-3382 -DD 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."

47-021

Signed by Tom Cully

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

PROPOSED WORK ORDER TO _____ DRILL XX DEEPEN _____ FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S.W. Jack Drilling NAME John Mork
 ADDRESS Buckhannon, WV 26201 ADDRESS Glenville, WV
 TELEPHONE 472-2161 TELEPHONE 462-8118
 ESTIMATED DEPTH OF COMPLETED WELL: 6500 ft. ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 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			
9 - 5/8			
8 - 5/8	400	400	Surface
7			
5 1/2			
4 1/2	6500	6500	250 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET _____ SALT WATER none FEET _____
 APPROXIMATE COAL DEPTHS 50 feet _____
 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

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. H. L. Simmons #3
API Well No. 47 - 021 - 3382
State County Forrest

WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep Shallow "Fracture"
LOCATION: Elevation: 1125' Watershed: Flat Run
District: Troy County: Gilmer Quadrangle: Glenville 7 1/2

WELL OPERATOR Eastern American Energy Corp.
Address P. O. Box N
Glenville, WV 26351

DESIGNATED AGENT Donald C. Supcoe
Address P. O. Nox 67
Glenville, WV 26351

LAND & GAS
PROPERTY OWNER H.L. Simmons or his assigns
Address Gilmer County, West Virginia

COAL OPERATOR NONE
Address: _____

ACREAGE 57
SURFACE OWNER Clifford O. Roberts
Address Virginia Veach, VA

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name NONE
Address _____

ACREAGE 57
WELL SALE (IF MADE) TO:
Address _____

Name _____
Address _____

WELL SALE (IF MADE) TO:
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name NONE
Address _____

INSPECTOR TO BE NOTIFIED
Paul Goodnight
Address Smithville, WV 26178
477-3660

The undersigned well operator is entitled to operate for oil or gas purposes at the location under a deed / lease / other contract / dated February 12, 1932.
The undersigned well operator from H. L. Simmons
[said deed, lease, or other contract has been recorded.]

Recorded on March 16, 1932, in the office of the Clerk of the County Commission of Gilmer County, West Virginia, in Deed Book 123 at page 251. A copy of the request is on file.

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) Procedure: To set bridge plug at 6300' then perforate and frac the Benson...
--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any action they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
WASHINGTON STREET EAST
MARTINSBURG, WV 25311
PHONE: (304) 348-3092

Eastern American Energy Corporation
Well Operator
Richard Heffelfinger
By Richard Heffelfinger
Title: Operations Manager

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) N/A

Address _____

GEOLOGICAL TARGET FORMATION, N/A Benson

Estimated depth of completed well, 4507-4640 feet Rotary _____ / Cable tools _____ /

Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.

Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No _____

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used	For drilling			Left in well
Conductor	20	J-55	94 lb.		X	25	-0-	-0-	Kinds
Fresh water	8 5/8	J55	20 lb.	X		415	415	Surface	
Coal									Sizes
Intermediate									
Production	4 1/2	CW	10.5	X		6634	6634	600 sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for fracture. This permit shall expire if operations have not commenced by 8-12-82.

J. H. Haggerty
Deputy Director of Oil & Gas Division

[Handwritten signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

, 19 _____

By _____

Its _____