

LODGE HEIRS—OIL & GAS
HOWARD ORR—SURFACE

- Fracture
- Redrill
- New Location
- Drill Deeper
- Abandonment

Source of Elevation CSGC 12627 1161'

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 accuracy, one part in **200'**

Company GEORGE JACKSON
 Address PO Box 1698, Clarksburg, W. Va. 26301
 Farm M. R. LODGE
 Tract _____ Acres 641 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1195'
 Quadrangle CLARKSBURG 7.5' x 15'
 County HARRISON District SIMPSON
 Engineer R. S. M. Williams
 Engineer's Registration No. L.L.S. 105
 File No. 234/80 Drawing No. _____
 Date 3/28/81 Scale 1"=2000'

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

WELL LOCATION MAP

FILE NO. 47-033-2569-Rev.

+ 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.

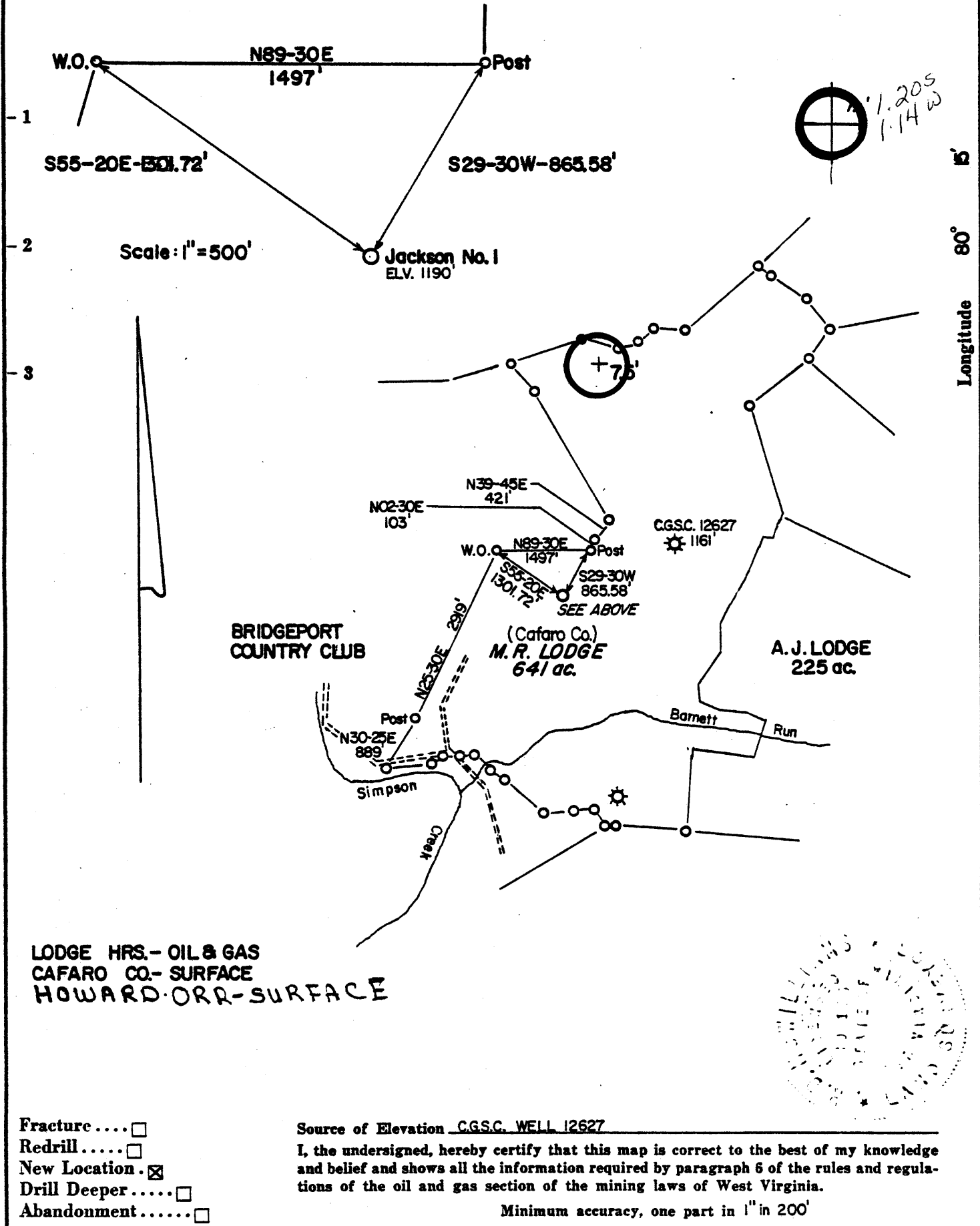
— Denotes one inch spaces on border line of original tracing.

Plot Card CSD

Plot Card CSD

5900'

Latitude 39° 20'



LODGE HRS. - OIL & GAS
 CAFARO CO. - SURFACE
 HOWARD ORR - SURFACE

- Fracture.....
- Redrill.....
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- Drill Deeper.....
- Abandonment.....

Source of Elevation CG.S.C. WELL 12627

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 accuracy, one part in 1" in 200'

Company <u>GEORGE JACKSON</u>	
Address <u>PO. Box 1698, Clarksburg, W.Va. 26301</u>	
Farm <u>M.R. LODGE (CAFARO CO.) H. ORR</u>	
Tract _____	Acres <u>641</u> Lease No. _____
Well (Farm) No. <u>1</u>	Serial No. _____
Elevation (Spirit Level) <u>1190'</u>	
Quadrangle <u>CLARKSBURG 75' & 15 SE</u>	
County <u>HARRISON</u>	District <u>SIMPSON</u>
Engineer <u>R. J. McMillan</u>	
Engineer's Registration No. <u>L.L.S. 105</u>	
File No. <u>234/80</u>	Drawing No. _____
Date <u>3-28-81</u>	Scale <u>1" = 2000'</u>

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

WELL LOCATION MAP
 FILE NO. 47-033-2569

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RECEIVED

JUL 8 1981



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL & GAS DIVISION
DEPT. OF MINES **Oil and Gas Division**

WELL RECORD

Quadrangle Clarksburg 7.5'
Permit No. 47-033-2569

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

Company George Jackson
Address P.O. Box 1698, Clarksburg, WV 26301
Farm M.R. Lodge Acres 641
Location (waters) Barnett Run
Well No. 1 Elev. 1195
District Simpson County Harrison
The surface of tract is owned in fee by Howard Orr,
et. al.
Address 538 Hillcrest Circle, Bridgeport, WV
Mineral rights are owned by Geo. Lodge Estate c/o
M. Shaw Address Rt. 1 Box 316, Tollmansville, WV
Drilling Commenced May 9, 1981
Drilling Completed May 14, 1981
Initial open flow show of gas cu. ft. _____ bbls.
Final production 353,000 cu. ft. per day _____ bbls.
Well open 8 hrs. before test 1400 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 11 3/4	40	40	
9 5/8			
8 5/8	1208	1208	300 sks Surface
7			
5 1/2			
4 1/2	3322	3322	150 sks Surface
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

353 MCF

Coal was encountered at 70, 140, 470 Feet 36, 48, 36 Inches
Fresh water 820 Feet Salt Water _____ Feet
Producing Sand Speechly Depth 3240 - 3276 *P.S. cond. sup*

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	30		
Sand			30	70		
Coal			70	73		
Shale			73	140		
Coal			140	144		
Shale			144	210		
Sand			210	300		
Shale			300	800		
Coal			470	473		
Sand			800	900		
Shale - Red			900	950		Water @ 820
Shale			950	1265		
Red Rock			1265	1310		
Shale			1310	1430		
L - Lime			1430	1485		
B - Lime			1485	1550		
Shale			1550	1620		
Injun			1620	1685		
Sd Shale			1685	3240		No show of gas
Speechly			3240	3276		
Shale			3276	3337		@ T.D.

AUG 17 1981

* Indicates Electric Log logs in the well



RECEIVED

MAR 30 1981

BLANKET BOND

#420342

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 March 27, 1981

Surface Owner Howard Orr, et al Company George Jackson
 Address 538 Hillcrest Circle, Bridgeport, W. Va. Address P.O. Box 1698, Clarksburg, W. Va.
 Mineral Owner George E. Lodge, Est. c/o Mildred Shiv Farm M.R. Lodge Acres 641
 Address Rt. #1 Box 316, Tallmansville, N. Va. Location (waters) Barnett Run
 Coal Owner George E. Lodge, Est, et al Well No. One Elevation 1190'
 Address Same District Simpson County Harrison
 Coal Operator None Quadrangle Clarksburg 7.5'
 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 12-1-81.

INSPECTOR
 TO BE NOTIFIED Paul Garrett
 ADDRESS 321 Beech Str., Clarksburg, W. Va.
 PHONE 622-3871

J. E. Anzley
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 24 1916 by Morgan R. Lodge made to Olandus West and recorded on the 22 day of December 1916 in Harrison County, Book 334 Page 316. This is a joint drilling venture between George Jackson & Consolidated Gas Supply Corp., Clarksburg, W. Va.
 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 SAME 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) George Jackson
P.O. Box 1698
 Street
Clarksburg,
 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.

47-033-2569

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."

Signed by George Jackson

BLANKET BOND

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

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME **Development Drilling Corporation** NAME **George Jackson**
 ADDRESS **P.O. Box 38, Bridgeport, W.Va.** ADDRESS **P.O. Box 1698, Clarksburg, W.Va.**
 TELEPHONE **842-5401** TELEPHONE **624-6861**
 ESTIMATED DEPTH OF COMPLETED WELL: **3,400 ft.** ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: **Speeschy**
 TYPE OF WELL: OIL _____ GAS 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	20ft	20ft	cemented to surface
13 - 10			
9 - 5/8			
8 - 5/8	900ft	900ft.	cemented to surface
7			
5 1/2			
4 1/2	3,400ft.		<i>George Jackson</i>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS **50** FEET SALT WATER **800** FEET

APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? **No Pittsburgh seam** **on this land has been stripped** 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