

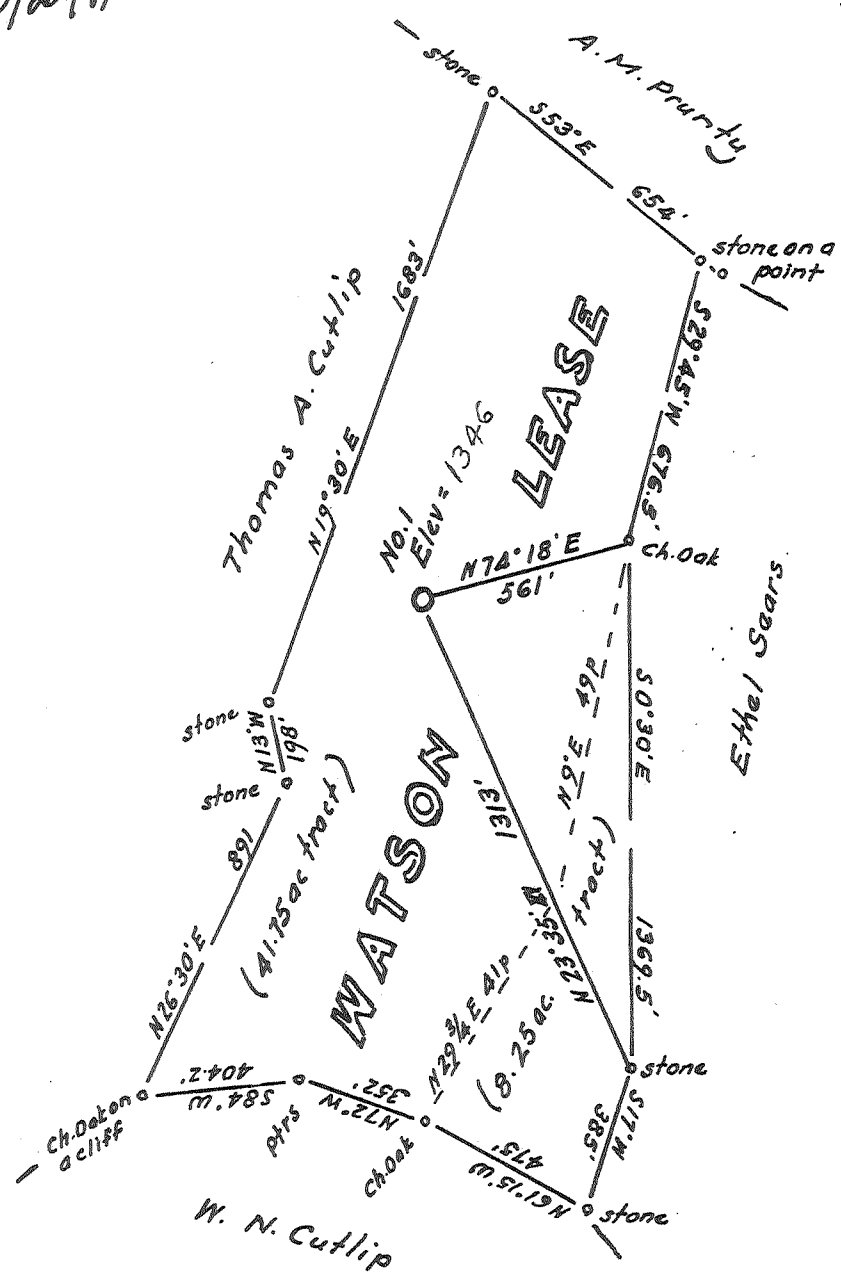
3910'

LATITUDE 38° 47' 30"

LONGITUDE 80° 42' 30"

1000'

Jamie  
10/22/91



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No 2, Ethel Sears tract = 1453

- 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: W. N. Cutlip  
Squares: N S E W

Map No.

Company BRAXTON OIL & GAS CORP  
 Address 1900 RICHMOND SQUARE, SUITE 103 OKLAHOMA CITY  
 Farm Watson Lease, W.M. CUTLIP & K. WHITE  
 Tract \_\_\_\_\_ Acres 50 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1346  
 Quadrangle Burnsville 7.5  
 County Braxton District Otter  
 Engineer W. N. Cutlip  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 29, 1976 Scale 1" = 500'

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

WELL LOCATION MAP  
API WELL No. 47-007-1440-P

FORMER 47-007-1161

+ Denotes location of well on United States Topographic Maps, scale 1 to <sup>62,500</sup>/<sub>25,000</sub>, latitude and longitude lines being represented by border lines as shown.

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

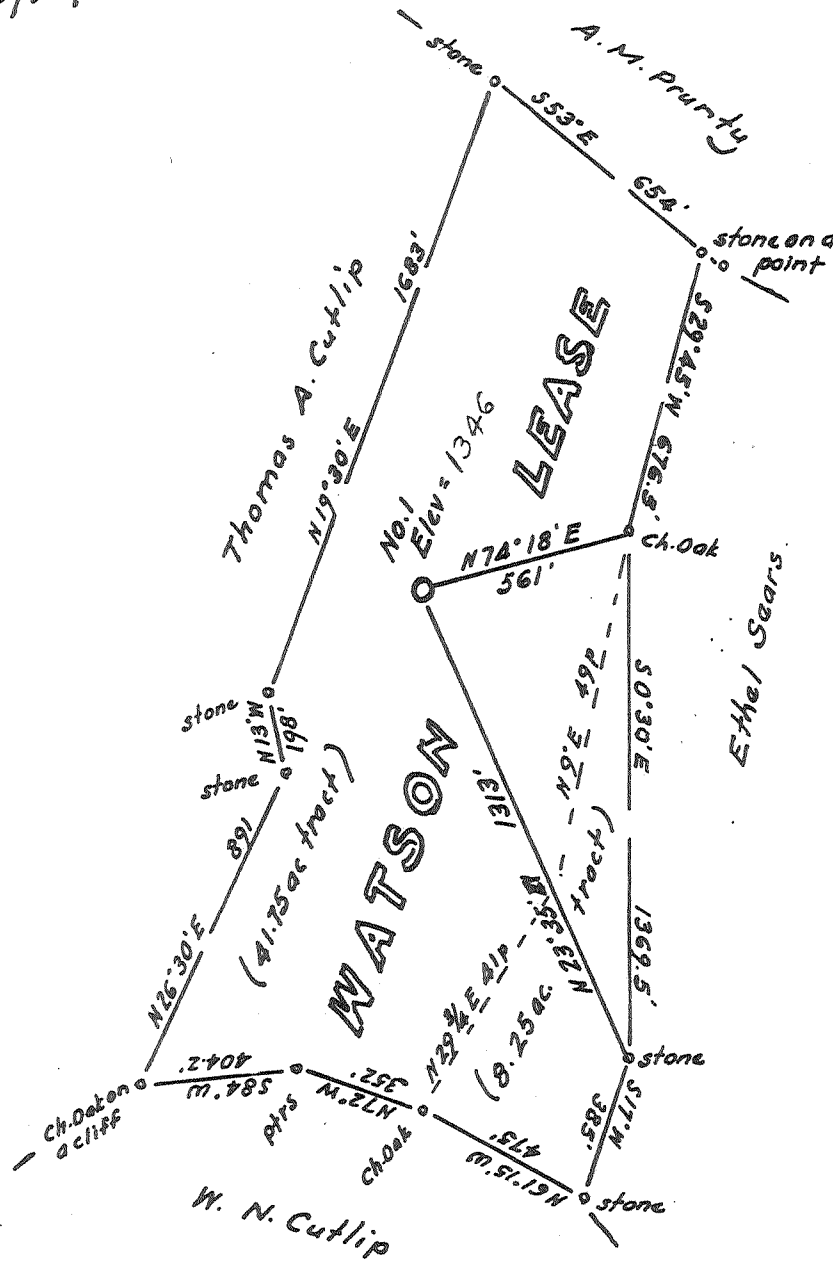
3910'

LATITUDE 38° 47' 30"

LONGITUDE 80° 42' 30"

1000'

Jamie  
10/22/91



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No 2, Ethel Sears tract = 1453

- 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 BRAXTON OIL & GAS CORP

Address 1900 RICHMOND SQUARE, SUITE 103, OKLAHOMA CITY, OK-73118

Farm Watson Lease, W.M. CUTLIP & K. WHITE

Tract \_\_\_\_\_ Acres 50 Lease No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1346

Quadrangle Burnsville 7.5

County Braxton District Otter

Engineer [Signature]

Engineer's Registration No. 1227

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date July 29, 1976 Scale 1" = 500'

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

WELL LOCATION MAP  
API Well No. 47-007-1440-P

FORMER 47-007-1161

+ Denotes location of well on United States Topographic Maps, scale 1 to <sup>62,500</sup>/<sub>25,000</sub>, latitude and longitude lines being represented by border lines as shown.

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

Cancelled

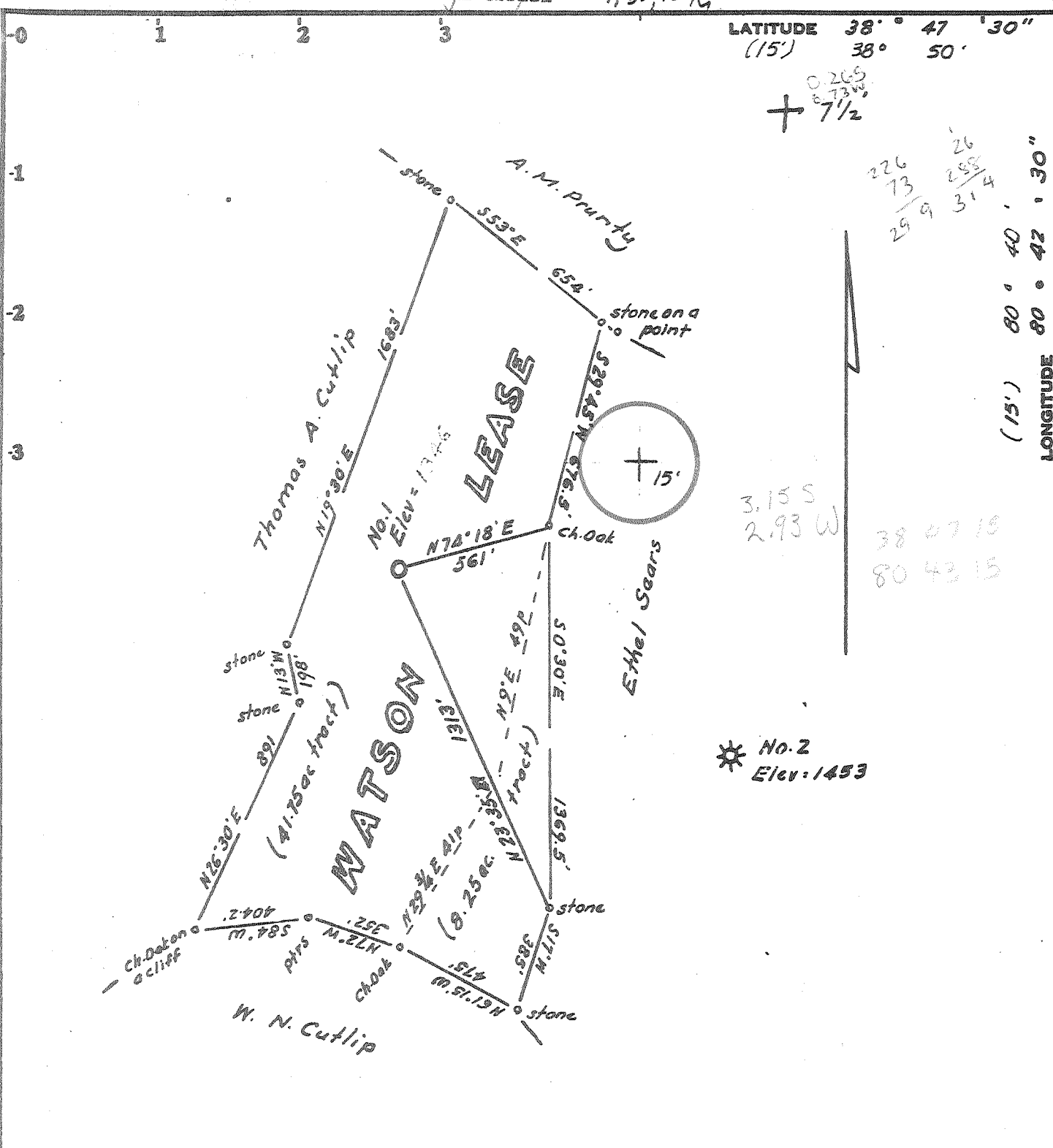
BRAX 1440 P

LATITUDE 38° 47' 30"  
(15') 38° 50'

0.265  
6.73 W  
+ 7 1/2

226  
73  
29 9  
26  
258  
3 4

(15') 80° 40' 42' 30"  
LONGITUDE



3.15 S  
2.93 W

38 07 18  
80 42 15

Minimum Error of Closure Lin 200'

Source of Elevation Elev. Well No 2, Ethel Sears tract = 1453

- 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 Braxton Oil & Gas Corp  
 Address Suite 110, Oil & Gas Bldg, NW 50th, Oklahoma City  
 Farm Watson Lease, W.M. CUTLIP & R. WHITE  
 Tract \_\_\_\_\_ Acres 50 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1346 SW  
 Quadrangle Burnsville 15' Burnsville 7 1/2'  
 County Braxton District Otter  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 29, 1976 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. 47-007-1440  
FORMER 47-007-1161

+ Denotes location of well on United States Topographic Maps, scale 1 to  $\frac{62,500}{25,000}$ , latitude and longitude lines being represented by border lines as shown.

OCT 12 1979

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

2500' S of 6-6 CHAPEL-GERMAN 183

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

Date December 13, 1979

FORM IV-35  
(Obverse)

Operator's Well No. No. 1 Watson

[08-78]

WELL OPERATOR'S REPORT  
OF

API Well No. 47 - 007 - 1161  
State County Permit

DRILLING, FRACTURING AND/OR STIMULATION, OR PHYSICAL CHANGE

1440

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
(If "Gas", Production  / Underground storage  / Deep  / Shallow   
LOCATION: Elevation: 1346' Watershed: Slab Camp Run, Cedar Creek  
District: Otter County: Braxton Quadrangle: Burnsville 7 1/2

WELL OPERATOR Braxton Oil and Gas Corp. DESIGNATED AGENT W. M. Woodroe  
Address 2821 N.W. 50th St. Address P. O. Box 951  
Okla. City, Ok. 73112 Charleston, W. Va. 25323

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Ream  / Fracture or stimulate   
Plug off old formation  / Perforate new formation  / Other physical change in well (specify) \_\_\_\_\_

PERMIT ISSUED ON August 28, 1979 OIL & GAS INSPECTOR FOR DEPARTMENT OF MINES, OIL AND GAS  
Name Robert Bates  
Address Weston, W. Va.  
IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED November 30, 1979

GEOLOGICAL TARGET FORMATION: Injun Sand Depth 2300 feet  
Depth of completed well, 2415 feet Rotary  / Cable Tools   
Water strata depth: Fresh, None feet; salt, None feet.  
Coal seam depths: 260-265 Is coal being mined in the area? No  
Work was commenced October 31, 1979, and completed December 12, 1979

DRILLING AND TUBING PROGRAM

DRILLING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILLING OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Cash water								
Intermediate	8 5/8	?	20#	New		410'	410	125 sx
Production	4 1/2	CW	10.5#	New		-0-	2411	120 sx
Casing	1"			New		-0-	2300	None
Packers								Perforations:
								Top Bottom
								2261 2327

WELL FLOW DATA

Producing formation Injun Sand Pay zone depth 2261-2327 feet  
Gas: Initial open flow, 50 Mcf/d Oil: Initial open flow, None Bbl/d  
Final open flow, 466 Mcf/d Final open flow, None Bbl/d  
Time of open flow between initial and final tests, 4 hours  
Static rock pressure, 540 psig (surface measurement) after 72 hours shut in  
[If applicable due to multiple completion--]  
Second producing formation None 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

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

Perforated 2262 to 2267 (5 holes) and 2323-2328 (5 holes) used 1500 gallons 15% acid, 700 barrels of water and 56,000 pounds of sand.

WELL LOG

FORMATION	Color	Hard or Soft	Z		Remarks Including indication of all fresh and salt water, coal, oil and gas
			Top Feet	Bottom Feet	
ed Rock & Shale			-0-	160	
and			160	210	
late & Shale			210	260	
oal			260	265	
late & Shale			265	410	
andy Shale			410	765	
ed Rock			765	820	
late & Shale			820	1220	
and			1220	1270	
late & Shale			1270	1580	
and			1580	1700	
late & Shale			1700	1725	
and			1725	1790	
late & Shale			1790	1920	
and & Shale			1920	2040	
late & Shale			2040	2150	
andy Shale			2150	2193	
ig Lime			2193	2250	
eenner Sand			2250	2304	Show Gas 2260-70
ig Injun			2304	2400	
quaw			2400	2415	T.D.

(Attach separate sheets to complete as necessary)

Braxton Oil and Gas Corp.

Well Operator

By Donald S. Garvin

Its President

NOTE: Regulation 3.02(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

RECEIVED

AUG 21 1979

Oil and Gas Division

OIL & GAS DIVISION  
DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner W.M. Cutlip and Russell White  
Address Unknown  
Mineral Owner Hayward J. Lake  
Address Flatwood, W. Va.  
Coal Owner Matheny Moter TRUCK Co.  
Address Parkersburg, W. Va.  
Coal Operator not operated  
Address \_\_\_\_\_

DATE \_\_\_\_\_  
Company Braxton Oil and Gas Corp.  
Address 2821 N.W. 50th St., OKC, Ok.  
Farm Lake Acres 50  
Location (waters) Slab Camp  
Well No. One (1) Watson Elevation 1346  
District Otter County Braxton  
Quadrangle Burnsville

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 5-28-80.

*Robert B. Bates*

INSPECTOR  
TO BE NOTIFIED Robert Bates  
ADDRESS \_\_\_\_\_  
PHONE 269-3820  
Weston, W.Va.

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 February 28 19 73 by Hayward J. Lake made to Mike Ross and recorded on the 10th day of March 19 78, in Braxton County, Book 330 Page 168  
 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, Braxton Oil and Gas Corp.  
(Sign Name) *Donald R. Gervin*  
Well Operator  
2821 N. W. 50th St.  
Street  
Okla. City  
City or Town  
Oklahoma 73112  
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.

47-007-1440 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 *Donald R. Gervin*

(Formerly: BRAX-1161)

BOND DRILL

**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 Unknown \_\_\_\_\_ NAME W. W. Woodroe \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS P. O. Box 951 Charleston, W. Va. \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 2400 \_\_\_\_\_ ROTARY X \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Injun Sand \_\_\_\_\_  
 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	200	200	60 SX
7			
5 1/2			
4 1/2	2400	2400	150 SX
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 150 \_\_\_\_\_  
 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