

10830

LATITUDE 38° 52' 30" (7/2)

LONGITUDE 81° 45' (7/2)

Jamie 9/12/89

JAMES FERGUSON

TO JAC 1409

3100'

S 82° 48' W 1318.95'

Fence corner

N 20° W 330'

Fence corner

7 1/2

PROPOSED LOCATION  
EL. 919.41'

N 56° W 857.55'

N 42° 49' E 879.23'

Post

N 37° 30' W 231'

O.L. KING

LAWRENCE WESTHAVER ETAL

111 3/4 Ac.

3200'

LLOYD STEPHENS

TO JAC 1402

LOG LICK RUN

FRED BUSH

EL. 627

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT - 9/12/89

"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 Z. Barber LL5 #289

COMPANY Durst Oil & Gas  
 ADDRESS P.O. Box 538, Pleasant Hill, WV 25350  
 FARM LAWRENCE WESTHAVER ETAL.  
 MAP ACRES 111 3/4 LEASE NO. 2431  
 WELL (FARM) NO. DEK-52 SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 919.41'  
 QUADRANGLE COTTAGEVILLE 7 1/2  
 COUNTY JACKSON DISTRICT UNION  
 POINT OF PROVEN ELEVATION FRED BUSH WELL #1 EL. 774  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE APRIL 25, 1978 SCALE 1" = 500 FT.

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

WELL LOCATION MAP

FILE NO. JAC-1446

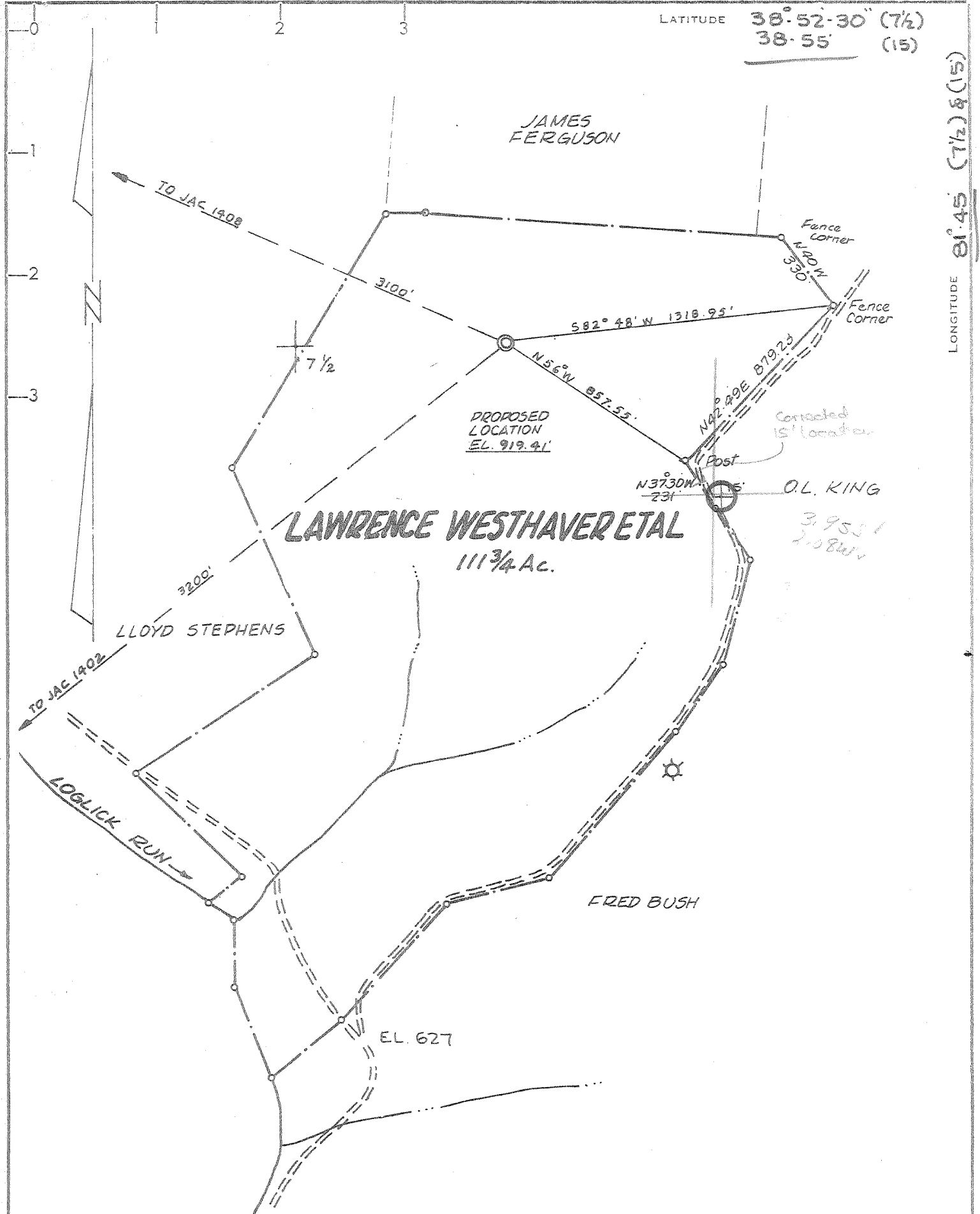
*Plugging*

+ 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.

47-035

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

4840 OMISKANY



- 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 W. Barber* LLS#289

COMPANY KAISER EXPLORATION & MINING CO.  
 ADDRESS P.O. BOX 537 RIPLEY W. VA.  
 FARM LAWRENCE WESTHAVER ETAL.  
 MAP ACRES 111 3/4 LEASE NO. 2431  
 WELL (FARM) NO. DEK-52 SERIAL NO. EC  
 ELEVATION (SPIRIT LEVEL) 919.41'  
 QUADRANGLE COTTAGEVILLE 7 1/2 RAVENSWOOD 15  
 COUNTY JACKSON DISTRICT UNION  
 POINT OF PROVEN ELEVATION FRED BUSH WELL #1 EL 714  
 FILE NO. G APRIL 25, 1978 DRAWING NO. 47-035  
 DATE SCALE 1" = 500 FT.

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 WELL LOCATION MAP  
 FILE NO. JAC-1446  
 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.

*Deep Well 4840 ORISKANY NORTH RIPLEY 342 JUN 7 1978*



Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			1966	1994		
Injun Sand			1994	2124		
Shale			2124	2437		
Coffee Shale			2437	2457		
Berea Sand			2457	2460		
Shale			2460	3619		
Brown Shale			3619	4087		
Shale			4087	4503		
Marcellus Shale			4503	4644		
Onondaga L. S.			4644	4721		
Oriskany Sand			4721	4752		
Helderberg L. S.			4752			
Total Depth			4852			

Date December 1, 1978

APPROVED Kaiser Exploration & Mining Co., Owner

By Walter A. Poyner  
(Title)  
Operations Manager

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
DIVISION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

RECEIVED  
Division of Energy

Farm name: WESTHAVER, LAWRENCE Operator Well No.: DEK-52

NOV 20 89

LOCATION: Elevation: 919.41 Quadrangle: COTTAGEVILLE  
District: UNION County: JACKSON  
Latitude: 5520 Feet South of 38 Deg. 52 Min. 30 Sec.  
Longitude 10830 Feet West of 81 Deg. 45 Min. 0 Sec.

Oil and Gas

Well Type: OIL \_\_\_\_\_ GAS X

Company: Durst Oil and Gas  
Rt 2 Box 538  
Pt. Pleasant, WV 25550

Coal Operator None  
or Owner \_\_\_\_\_

Agent: Ronald W. Durst Jr  
Inspector: Jerry Tephbeck  
Permit Issued: 09/12/89

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Jackson ss:

Ronald W. Durst Jr. and Dale W. Durst being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Durst Oil and Gas, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 31st day of July, 1989, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
250' Class A	4550	4300		0
300' Class A	2725	2425	2714' 4 1/2" csq	2124'
100' Class A	1500	1700	1750' 7" csq	719'
100' Class A	250	150	0	245'
50' Class A	50	0	0	

Description of monument: 7" csq 4' tall, filled w/cnt & properly identified

and that the work of plugging and filling said well was completed on the 4th day of August, 1989.

And further deponents saith not.

Ronald W. Durst Jr.  
Dale W. Durst

Sworn and subscribe before me this 17th day of November, 1989  
My commission expires: 3 3 90

Jerry Tephbeck  
Notary Public



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUN - 1 1978

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE May 31, 1978

Surface Owner Lawrence Westhaver, Sr.

Company Kaiser Exploration & Mining Company

Address 13001 Old Stagecoach Rd., Laurel, MD 20810

Address P. O. Box 537, Ripley, WV 25271

Mineral Owner Lawrence Westhaver, Sr.

Farm Lawrence Westhaver Acres 111-3/4

Address Same as above

Location (waters) Log Lick Run

Coal Owner Same

Well No. DEK #52 Elevation 919.41'

Address \_\_\_\_\_

District Union County Jackson

Coal Operator None

Quadrangle Cottageville

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 10-2-78

INSPECTOR TO BE NOTIFIED Richard Morris

ADDRESS P.O. Box 372, Grantsville, WV

PHONE 354-7259

Robert B. 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 5 May 1971 by Lawrence Westhaver, Sr. made to Commonwealth Gas and recorded on the 22nd day of May 1971 in Jackson County, Book 118 Page 37

XXX 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, KAISER EXPLORATION & MINING COMPANY  
(Sign Name) R. A. Pryce

Well Operator  
R. A. Pryce/Operations Manager  
118 McGraw St., P.O. Box 537

Address of Well Operator

Street  
Ripley

City or Town  
West Virginia 25271

State

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

\*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 BOARD

JAC-1446 PERMIT NUMBER

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

PROPOSED WORK ORDER TO XXX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT: R. A. Pryce  
 NAME F.W.A. Drilling Co. NAME Kaiser Exploration & Mining Company  
 ADDRESS Box 448 - Elkview, WV ADDRESS P.O. Box 537, Ripley, WV 25271  
 TELEPHONE 965-3379 TELEPHONE 372-2827  
 ESTIMATED DEPTH OF COMPLETED WELL: 4840' ROTARY XXX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Oriskany  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XXX 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	250'	250'	100 sacks to surface
8 - 5/8			
7	2500'	2500'	75 sacks = 625'
5 1/2			
4 1/2	4840'	4840'	125 sacks = 1500'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS None anticipated  
 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