

CERTIFICATE

- NEW LOCATION
- RECONDITION
- 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."

Minimum degree of accuracy is one part in 200

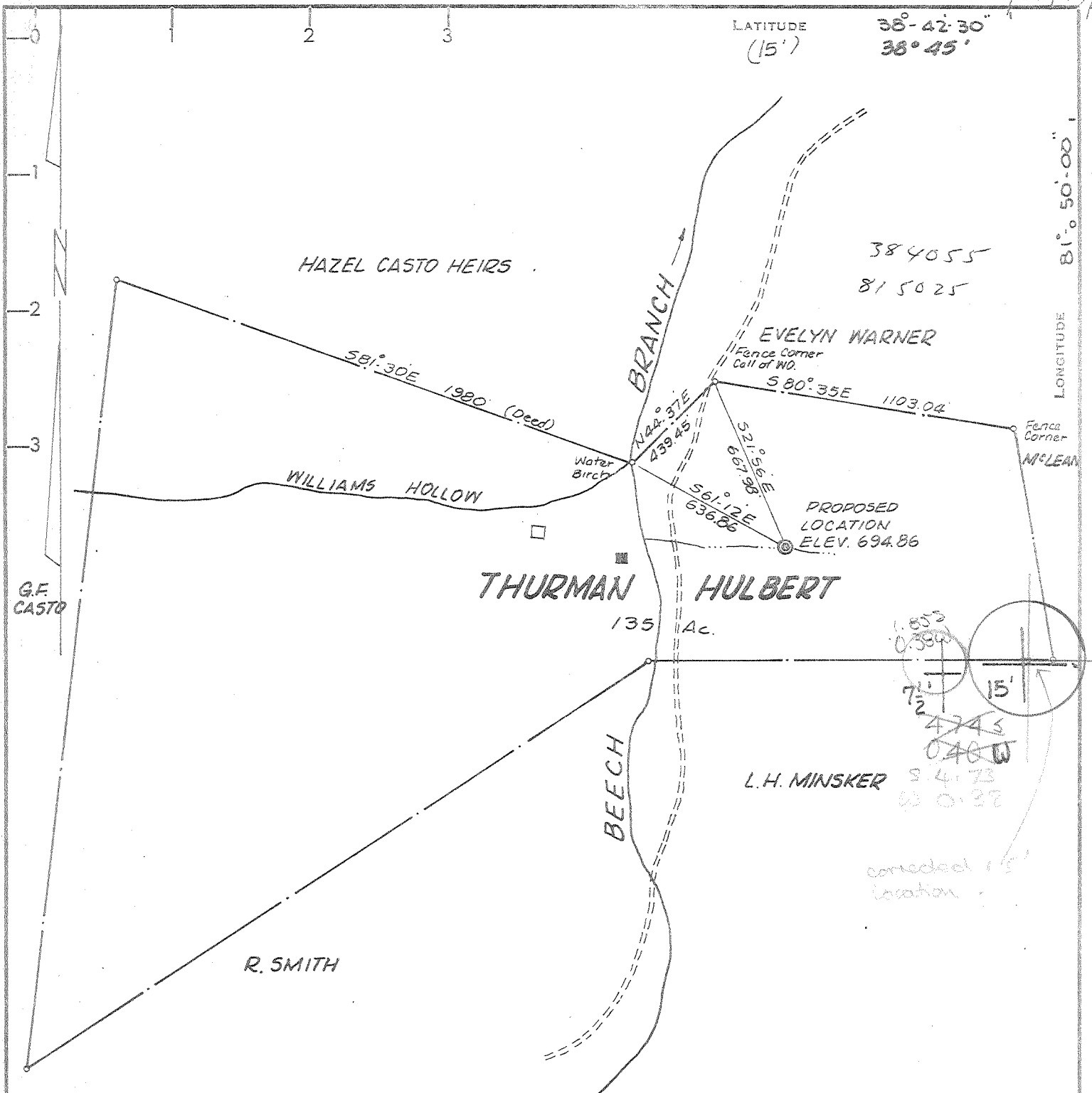
Signed Frank J. Barker LLS# 289

COMPANY: Durst Oil & Gas
 ADDRESS: Rt 2 Box 538 H. Pleasant W. 25550
 FARM: THURMAN HULBERT, DONALD D. CASTO
 MAP: _____ ACRES: 135 LEASE NO.: _____
 WELL (FARM) NO.: 1 SERIAL NO.: KEM 12
 ELEVATION (SPIRIT LEVEL): 694.86
 QUADRANGLE: ELMWOOD 7 1/2, WINFIELD 15'
 COUNTY: MASON DISTRICT: UNION
 POINT OF PROVEN ELEVATION: Road Intersection 686
 FILE NO.: _____ DRAWING NO.: _____
 DATE: FEB. 23, 1979 SCALE: 1"=500 FT.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. 47-053-0181
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.
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

? - Original

2/26/79



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Signed

Frank J. Barker LL#289

COMPANY KAISER EXPLORATION AND MINING COMPANY
 ADDRESS P.O. BOX 537 RIPLEY, WEST VIRGINIA
 FARM THURMAN HULBERT, DONALD D. CASTO
 MAP _____ ACRES 135 LEASE NO. _____
 WELL (FARM) NO. 1 SERIAL NO. KEM 12
 ELEVATION (SPIRIT LEVEL) 694.86
 QUADRANGLE ELMWOOD 7 1/2, WINFIELD 15' NC
 COUNTY MASON DISTRICT UNION
 POINT OF PROVEN ELEVATION Road Intersection 686
 FILE NO. _____ DRAWING NO. _____
 DATE FEB. 23, 1979 SCALE 1"=500 FT.

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

WELL LOCATION MAP

FILE NO. 47-053-0181

+ 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.
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MAR 21 1979

Deep Well 6-b Rock Castle (346)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

116623040
FEB 20 1980

Oil and Gas Division
WELL RECORD ³⁰

OIL & GAS DIVISION
DEPT. OF MINES
Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Elmwood

Permit No. 47-053-0181

Company <u>Kaiser Exploration and Mining Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 8, Ravenswood, WV 26164</u>				
Farm <u>Truman Hulbert</u> Acres <u>135</u>	Size			
Location (waters) <u>Beech Fork & Mud Lick</u>	20-16			
Well No. <u>KEM 12</u> Elev. <u>694.86</u>	Cond.			
District <u>Union</u> County <u>Mason</u>	13-10" 10 3/4		250'	125 sx class A (to surface)
The surface of tract is owned in fee by <u>Donald D. Casto</u>	9 5/8			
Address <u>Rt. 1, Leon, WV 25123</u>	8 5/8			
Mineral rights are owned by <u>Truman Hulbert</u>	7		2450'	65 sx pozmix-100 class A (1100')
Address <u>1023 Red Oak Street, Charleston, WV</u>	4 1/2		4714'	225 sx pozmix (2300')
Drilling Commenced <u>10/20/79</u>	3			
Drilling Completed <u>10/28/79</u>	2			
Initial open flow <u>1 M</u> cu. ft. <u>--</u> bbls.	Liners Used			
Final production <u>400 M</u> cu. ft. per day <u>--</u> bbls.				
Well open <u>10</u> hrs. before test <u>1900</u> RP.				

Well treatment details: Attach copy of cementing record.
Perforated Oriskany 4647' - 4655' (K.B.) w/4 holes/ft; Aircowell and Halliburton fractured Oriskany w/15,000# 80/100 sand and 30,000# 20/40 sand; used 829 bbl water and 201,000 SCF of nitrogen.

400 MCF

Coal was encountered at -- Feet -- Inches --
Fresh water -- Feet -- Salt Water -- Feet --
Producing Sand Oriskany Depth 4647-55

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	10		<i>TOPS PROBABLY FROM KB - ACQVT 707'</i>
Silt & Sand			10	132		
Sand			132	147		
Silt & Sand			147	249		
Shale			249	429		
Sand			429	440		
Shale			440	478		
Sand			478	488		
Shale			488	503		
Sand			503	510		
Shale			510	613		
Silt & Shale			613	800		
Sand			800	828		
Shale			828	894		
Sand			894	942		
Shale			942	1070		
Shale & Silt			1070	1120		
Salt Sand			1120	1257		
Shale			1257	1320		
Siltstone			1320	1332		
Shale & Silt			1332	1486		
Sand & Silt			1486	1534		
Shale			1534	1564		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand & Silt			1564	1609		
Shale			1609	1625		
Sand			1625	1632		
Shale			1632	1685		
Maxton			1685	1758		
Big Lime			1758	1845		
Shale			1845	1897		
Big Injun			1897	2030		
Shale			2030	2341		
Coffee Shale			2341	2365		
Berea			2365	2378		
Shale			2378	3552		
Brown Shale			3552	3998		
Shale			3998	4337		
Marcellus			4337	4558		
Onondaga			4558	4630		
Oriskany			4630	4654		
Heiderberg			4654	4747		
Total Depth			4747			

Date February 20

1980

APPROVED Kaiser Exploration and Mining Company

By Richard A. P...
Operations Manager



RECEIVED

FEB 25 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 February 19, 1979

Surface Owner Donald D. Casto
Address Route 1, Leon, WV 25123

Company Kaiser Exploration and Mining Company
Address P. O. Box 537, Ripley, WV 25271

Mineral Owner Truman G. Hulbert
Address 1023 Red Oak Street, Charleston, WV 25302

Farm Truman G. Hulbert Acres 135
Location (waters) Beech Fork and Mud Lick

Coal Owner Same as above
Address Same as above

Well No. KEM #12 Elevation 694.86
District Union County Mason

Coal Operator None
Address None

Quadrangle Elmwood

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 10-27-79.

INSPECTOR TO BE NOTIFIED Kenneth Butcher
ADDRESS RFD #1, Barboursville, WV 25504
PHONE 736-4885

[Signature]
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 August 14, 19 78 by Truman G. Hulbert made to Kaiser Exploration & Mining Co. and recorded on the 6th day of June 19 78 in Mason County, Book 43 Page 400

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.

Very truly yours,
(Sign Name) R. A. Pryce
R. A. Pryce ^{Well Operator} Operations Manager
P. O. Box 537

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

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

Address of Well Operator Ripley
Street
City or Town
West Virginia 25271
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

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.

Farm name: CASTO, DONALD Operator Well No.: KEM-12

RECEIVED
Division of Energy

LOCATION: Elevation: 694.86 Quadrangle: ELMWOOD
District: UNION County: MASON
Latitude: 9710 Feet South of 38 Deg. 42 Min. 30 Sec.
Longitude 2150 Feet West of 81 Deg. 50 Min. 0 Sec.

NOV 20 89

Oil and Gas

Well Type: OIL _____ GAS X

Company: Durst Oil and Gas
Rt 2 Box 53E
Pt. Pleasant, WV 25550

Coal Operator None
or Owner _____

Agent: Ronald W. Durst JR
Inspector: Jerry Tephahock
Permit Issued: 09/12/89

Coal Operator _____
or Owner _____

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Mason 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 7th day of August, 1989, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
250' Class A	4600	4350	1630' 4 1/2" csg 4650' 2 1/2" tbg	0 3084'
350' Class A	1650	1250	1250 7" csg	1200'
300' Class A	450	150	0	250'
50' Class A	50	0	0	

Description of monument: 7" csg 4' tall, filled w/cmt and properly identified

and that the work of plugging and filling said well was completed on the 12th day of August, 1989.

And further deponents saith not.

X Ronald W. Durst Jr.
X Dale W. Durst
Jerry Tephahock
Notary Public

Sworn and subscribe before me this 12th day of November, 1989
My commission expires: 3 3 90