

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.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment..... issued - 7-28-75

Signed: [Signature]
 Squares: N S E W

Company Don W. Hardman dba/ Drilco Oil Productions
 Address 4001 Jefferson Str., Parkersburg, WV 26101
 Farm Milbach-White Lease
 Tract _____ Acres 150 Lease No. _____
 Well (Farm) No. 07a Serial No. _____
 Elevation (Spirit Level) 746
 Quadrangle Ripley NW
 County Jackson District Ravenswood
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Oct 19, 1970 Scale 1" = 400'

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

WELL LOCATION MAP

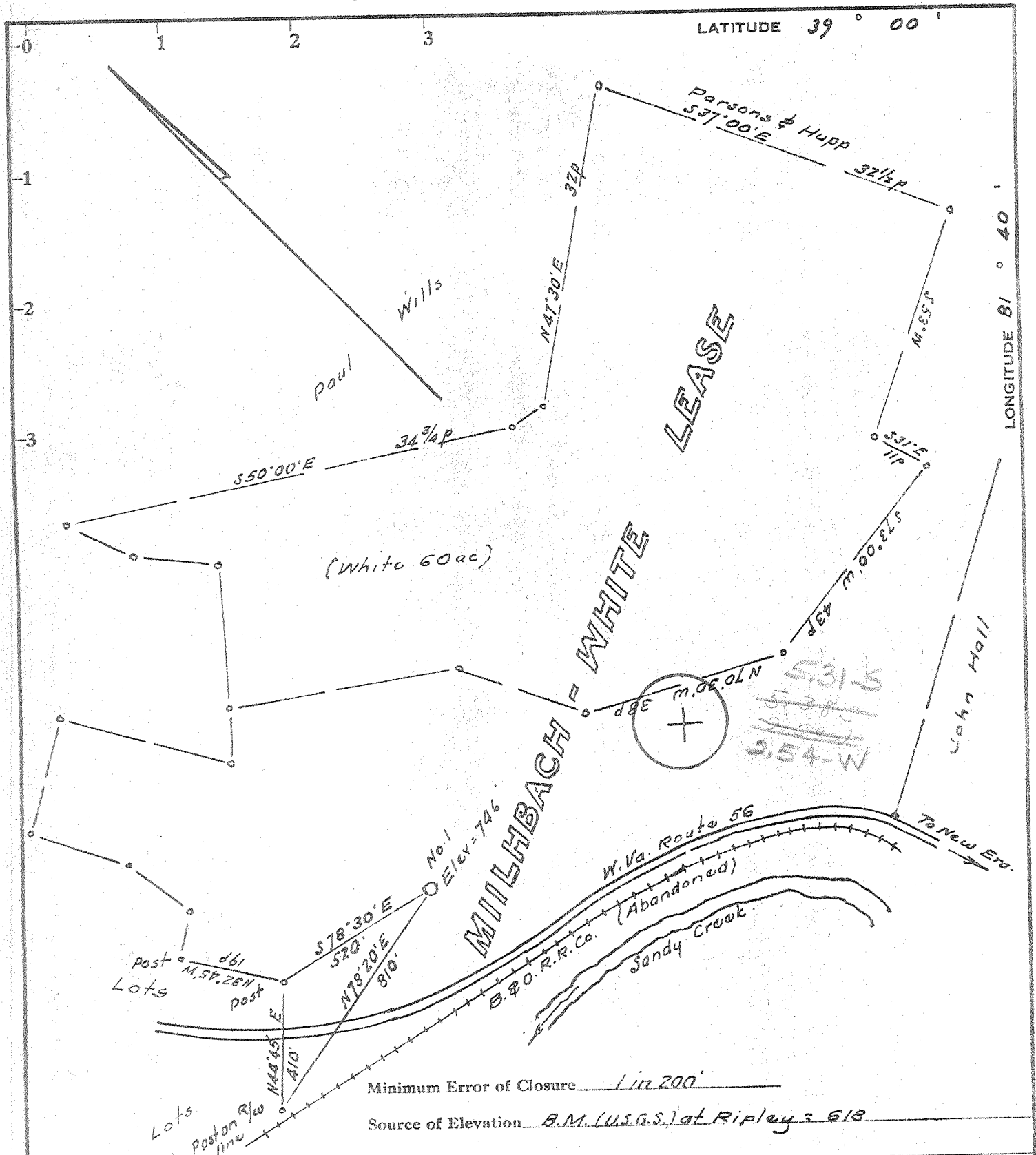
FILE NO. JAC-1245-P

+ 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.

47-035 AUG 6 1975

Deep Well



Minimum Error of Closure 1 in 200'
 Source of Elevation B.M. (U.S.G.S.) at Ripley - 618

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- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: [Signature]
 Squares: N S E W

Company Casa de Cascade
 Address 3706 Pallos Verdes Dr. Dallas, Texas
 Farm Mihlbach - White Lease
 Tract _____ Acres 150 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 746
 Quadrangle Ripley NW
 County Jackson District Ravenswood
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Oct 19, 1970 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. JACK - 1245

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



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Ripley
Permit No. Jac 1245

Rotary XX Oil _____
Cable _____ Gas XX C. MOLL _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Casa De Cascade Inc.
Address Columbus, Ohio
Farm Mihlbach et al Acres 150
Location (waters) _____
Well No. 1 (one) Elev. 746'
District Ravenswood County Jackson
The surface of tract is owned in fee by _____
Mr. Mihlbach & Mr. White
Address Silverton, W. Va.
Mineral rights are owned by As above
_____ Address _____
Drilling Commenced 9/9/70
Drilling Completed 4/21/71
Initial open flow N.A. cu. ft. _____ bbls.
Final production 41 MMCF cu. ft. per day _____ bbls.
Well open 2 hrs hrs. before test 1900 RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			cem. to surf. 150 saks. 50/50 poz.
Cond. 13-10"			
9 5/8			
8 5/8	2122	2122	
7			
5 1/2			
4 1/2		5469	
3			
2			
Liners Used			

Attach copy of cementing record.

Perforate Newburg 14 holes. Pump 250 gal. 30% HCL. Swab well back 2 hr. test 41 million.
41,000 Mcf

Coal was encountered at none Feet _____ Inches _____
Fresh water N.A. Feet _____ Salt Water _____ Feet _____
Producing Sand Newburg Depth 5434 to 5446

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Limestone	gr. tan	hard	0000	4605		no samples
sandstone	fr. gray	med.	4605	5434		show sour gas 5250 (Salina)
<u>Newburg</u>			5434	5446		kicked mud 3'. Good fluor. in circ. sample. *
Limestone	gr. tan	hard	5446	5469 T.D.*		
<u>McKenzie</u>				<u>545</u>		

5469 Below
~ 3200 explor. footage

MAY 30 1972

(over)

* Indicates Electric Log tops in the remarks section.

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

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

AFFIDAVIT OF PLUGGING AND FILLING WELL.

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT, 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.

Don W. Hardman
Drilco Oil Productions
 Route 2, ^{NAME OF WELL OPERATOR} ~~Box 119~~
 Walker, W. Va. 26180 _{COMPLETE ADDRESS}

COAL OPERATOR OR OWNER _____
 ADDRESS _____

COAL OPERATOR OR OWNER _____
 ADDRESS _____

LEASE OR PROPERTY OWNER _____
 ADDRESS _____

July 28, 1975
 WELL AND LOCATION _____

Ravenswood District
 Jackson County

Well No. 1
Mihlbach-White Lease Farm

STATE INSPECTOR SUPERVISING PLUGGING Martin Nichols, Clendenin, W. Va. 25045

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Wood } ss:

Don W. Hardman and Stephen Rose
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 Drilco Oil Productions, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14th day of August, 19 75, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
5469 - 5334	Cement			
5334 0 4700	Gelled Hole			
	Cut 4 1/2" Casing 4692'		4692	777
4700 - 4600	Cement			
4600 - 2222	Gelled Hole			
2222 - 2022	Cement			
2022 - 595	Gelled Hole			
595 - 495	Cement			
495 - 100	Gelled Hole			
100 - 0	Cement			
	Cut 8 5/8 Casing as 595"		595	955
COAL BEAMS				
(NAME)		DESCRIPTION OF MONUMENT		
(NAME)		Erected marker of 7" casing		
(NAME)		extending 32" above Surface		
(NAME)		set in cement		

and that the work of plugging and filling said well was completed on the 19th day of August, 1975.

And further deponents saith not.

Don W. Hardman
Stephen Rose

Sworn to and subscribed before me this 23rd day of September, 19 75.

My commission expires:
Oct 14, 1978

Mary A. Hardman
Notary Public.

Permit No. JAC-1245-P