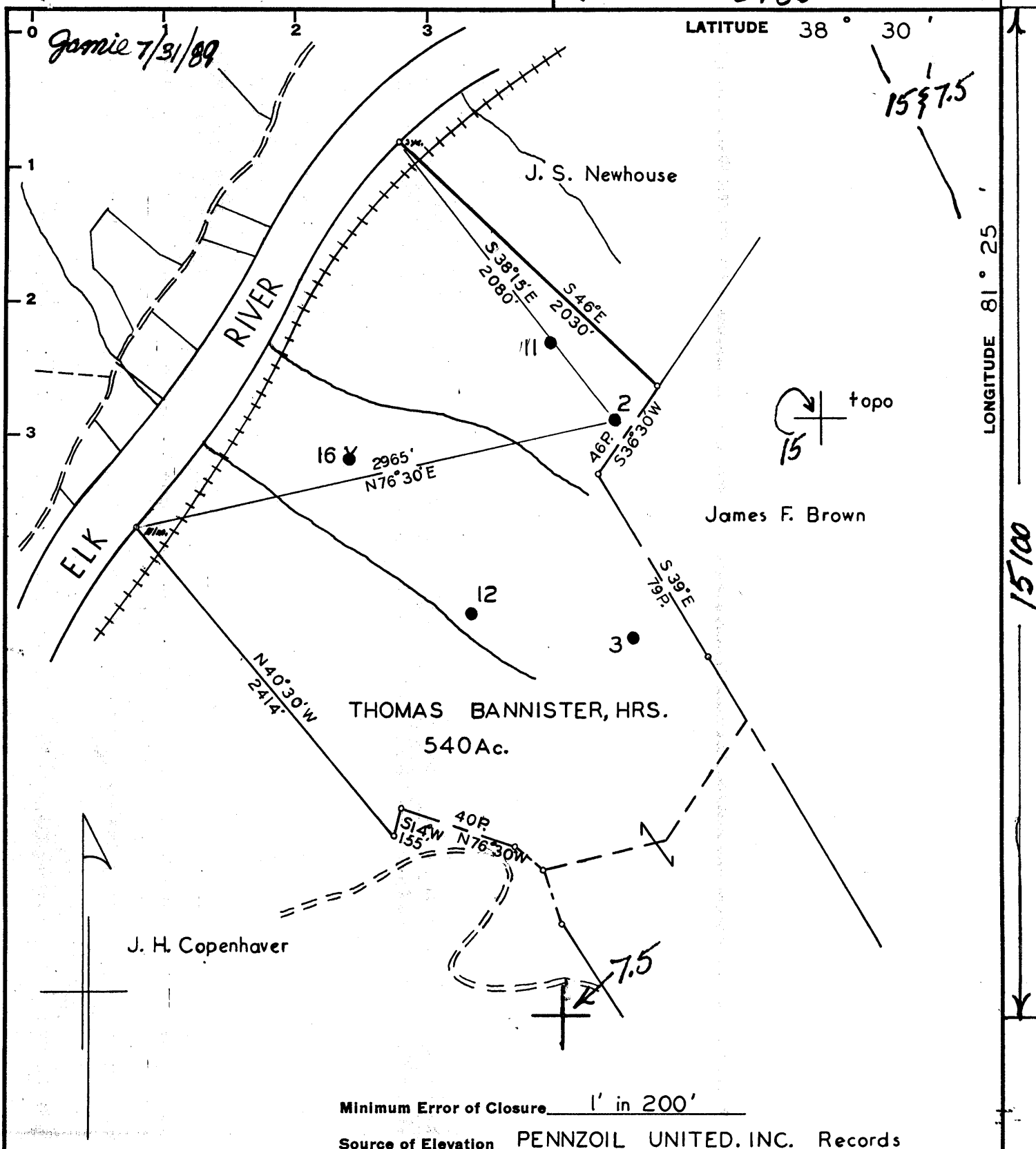


← 6780 →



LATITUDE 38° 30'

LONGITUDE 81° 25'

15100

Garnie 7/31/89

15 7.5

J. S. Newhouse

James F. Brown

THOMAS BANNISTER, HRS.
540 Ac.

J. H. Copenhaver

Minimum Error of Closure 1' in 200'

Source of Elevation PENNZOIL UNITED, INC. Records

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment..... - 8/1/89

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.

Signed: *A. C. Hillert*

Map No. 90

Squares: N S 67 E W 47-8

Company PENNZOIL Products

Address Box 5519, Vienna, W. Va.

Farm THOMAS BANNISTER, HRS. (Evelyn Bigony)

Tract _____ Acres 540 Lease No. 62920

Well (Farm) No. 2 Serial No. _____

Elevation (Spirt Level) 1001 21 Gr.

Quadrangle Clendenin 15 / Bluebell 7.5

County Kanawha District Elk

Engineer A. C. Hillert

Engineer's Registration No. 2534

File No. 71 Drawing No. _____

Date Nov. 14, 1968 Scale 1" = 800'

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

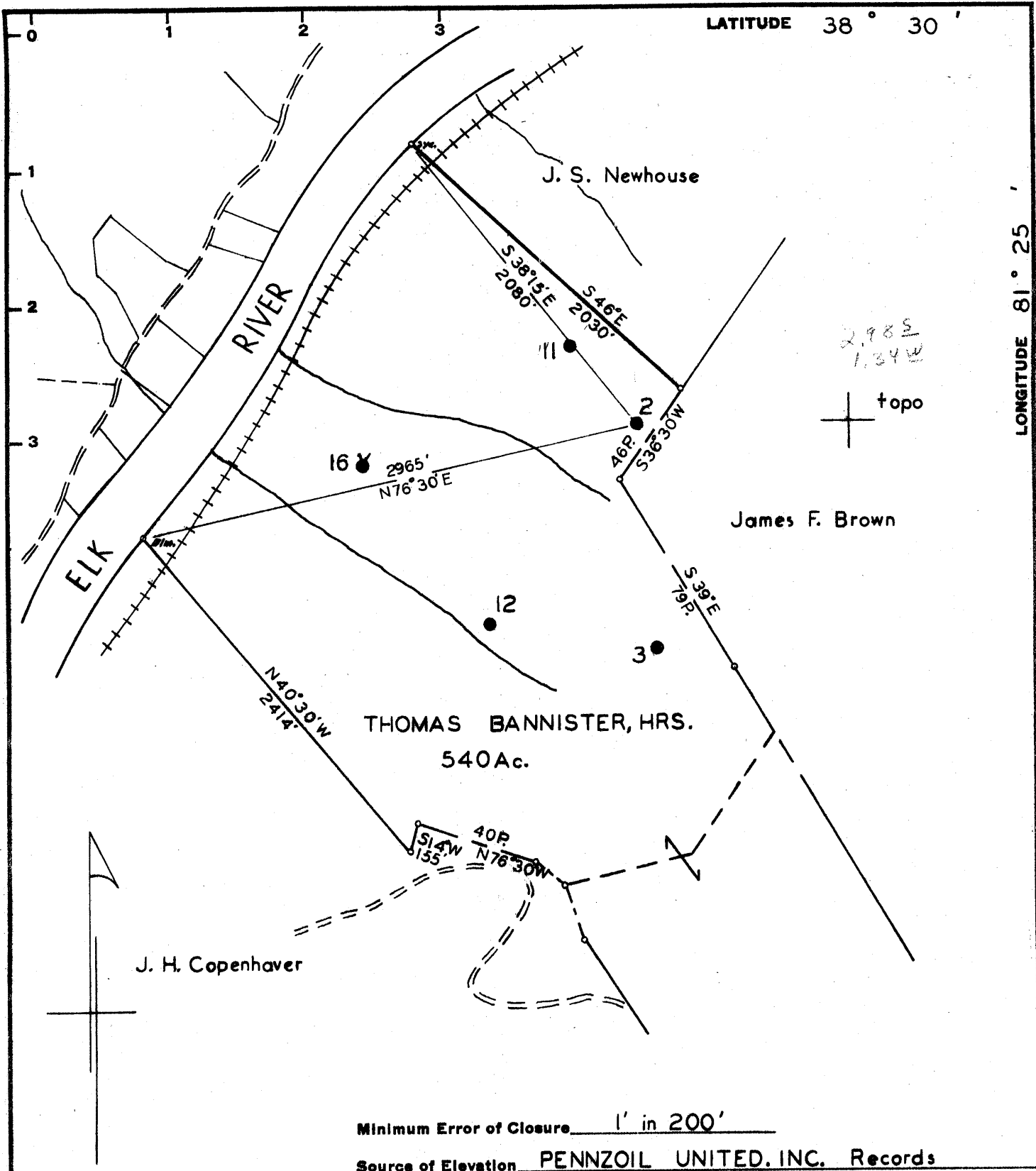
WELL LOCATION MAP
PLUGGING

FILE NO. KAN-5-FRAC.
47-039-3416-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.

ca1



Minimum Error of Closure 1' in 200'

Source of Elevation PENNZOIL UNITED, INC. Records

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.....

Signed: *A. C. Hillbert*
 Map No. 90 Squares: N S 67 E W 47-8

Company PENNZOIL UNITED, INC.
 Address Box 1588, Parkersburg, W. Va.
 Farm THOMAS BANNISTER, HRS.
 Tract _____ Acres 540 Lease No. 62920
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1001.21 Gr. _____
 Quadrangle Clendenin NW
 County Kanawha District Elk
 Engineer *A. C. Hillbert*
 Engineer's Registration No. 2534
 File No. 71 Drawing No. _____
 Date Nov. 14, 1968 Scale 1" = 800'

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

WELL LOCATION MAP

FILE NO. KAN-5-FRAC.
3416

+ 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.

cal

No. EEK District Kanawha County. Jan 3416
 dig built by E. O. Toole Contractor.
 Well drilled by E. O. Toole Completed Jan 17 1913

Contractor E. O. Toole Contractor
 Drilling Completed Jan 17 1913
 Drilling Commenced by S. E. W.

ROCK FORMATION	TOP	BOTTOM	REMARKS
Unusual Solarisiph	2063	2063	
Shale & shells	2163	2163	
Hard shell	2166	2166	
Water layer	2195	2195	
Shale & shells	2220	2250	"Refer to book #9 page 25 for rock shell record."
Shale of water	2250	2265	
Shale & shells	2265	2268	
Hard shell	2268	2282	
Hard shell	2282	2345	
Shale & shells	2345	2360	
Green shale	2360	2375	
Green shale	2375	2465	
Hard shell	2465	2480	
Hard shell	2480	2491	
Hard shell	2491	2500	
Hard shell	2500	2500	

ABANDONED, JAN 17 1913
 RECEIVED
 DEPT. OF MINES
 WEST VIRGINIA
 NOV 1968

CASING RECORD						
DARGED TO WELL	PUT IN WELL		PULLED OUT		LEFT IN WELL	
	Feet	In.	Feet	In.		Feet

See page 132

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Conductor		16		
Sand	400	552		
Capl	552	557		
8 1/4" casing	1180	620	P. 1. 1. 1.	
Salt lamp	1225	1600		
Water	1320			
Water - hole full	1700	1725		
Mason	1740	1765		
Little Lamer	1765	1789		
Physical Case	1800	1800	1800	2045
6 5/8" casing	1789	1930		1930
Big Lamer	1930	1980		153
Water	1940			
Slate & shell	1980	2064		
Lignum	2064	2083		
Shale & oil	2065			
Slate & shell	2083	2113		
Total depth		2113	2113	

*Refer to Book #5 Pages 132 and 347 for 1st and 2nd drilling

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Put in Well	Pulled Out	Left in Well	Shot Date			
Size	Feet	In.	Feet	In.	Amount	20 ft
8 1/4"	580	580			Sand	Refer to book
6 5/8"	1809	6	1809	6	Result	Refer to book
			5 1/2"	14 1/2"	Packer Size	
			4 1/2"	4 1/2"	Depth Set	

RECEIVED
 DEPT. OF MINES
 WEST VIRGINIA
 NOV 1968

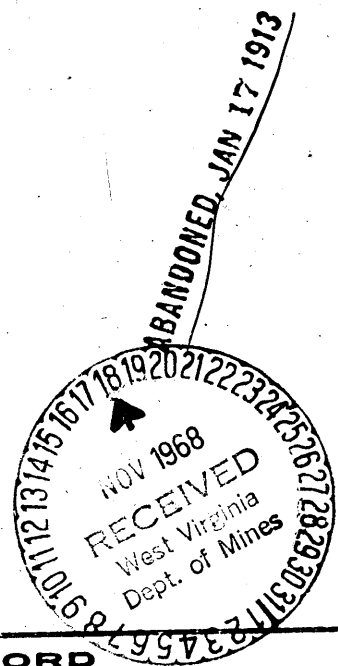
Production First 24 Hours 1 Bbls Gas Test
 Approved by J. P. Zimmerman Superintendent

24 Hours 1 Bbls Signed E. C. Reder Superintendent

Well No. *2*
 Lease No. *Eek* District *Kanawha* County.
 Rig built by *W R. Marrow*
 Well drilled by *D P C 5 ac* Contractor.
 Began drilling *April 4 1962* Completed *May 21 1962*

ROCK FORMATION	TOP	BOTTOM	REMARKS
Conductor		16	
Sand	400	552	
Coal	552	557	
Salt Sand	1180	1600	
Water	1225		
Water Hole full	1320		
Maxon Sand	1700	1725	
Little Limestone	1740	1764	
Beulah Cove	1765		
Big Limestone		1930	
Big Limestone	1430	1980	
Gas Oil & Water	1440		
Shale - shells	1980	2064	
Square Sand	2064	2053	
Oil & Gas	2065		
Total depth		2053	

see page 7



CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		PULLED OUT		LEFT IN WELL		Transferred before Completion		Left at Well Not in Use	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
9/4			150		580				Shot 1/18/13	10 7/8	Square	
6 3/8			1743		1793				" 9/21/12	20	"	
									" 9/9/12	50	"	
									" 9/2/13	50	"	

Production }
 First 24 Hours } Bbls. signed *John C. Gna* Supt.

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: BIGONY, EVELYN Operator Well No.: BANNISTER HRS 2

LOCATION: Elevation: 1001.21 Quadrangle: BLUE CREEK
District: ELK County: KANAWHA
Latitude: 15100 Feet South of 38 Deg. 30 Min. 0 Sec.
Longitude 6780 Feet West of 81 Deg. 25 Min. 0 Sec.

Well Type: OIL _____ GAS _____ Liquid Injection X

Company: Pennzoil Products Company Coal Operator _____
P.O. Box 5519 or Owner _____
Vienna, W. Va. 26105-5519 _____

Agent: James A. Crews Coal Operator _____
Inspector: Carlos Hively or Owner _____
Permit Issued: 08/01/89

RECEIVED
AUG 31 1989

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha ss:

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Curtis A. Lucas and Nathan D. Workman 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 Pennzoil Products Company, 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
Well previously plugged	back to	1984	4-1/2	1425	557
Gel	1984	1955	6-5/8	560	1249
Cement	1955	1647	2-3/8	1862	0
Gel	1647	1442			
Cement	1442	1342			
Gel	1342	603			
Cement	603	503			
Gel	503	90			
Cement	90	Surface			

Description of monument: 1 jt. 6-5/8" casing extending 30" above surface

and that the work of plugging and filling said well was completed on the 10th day of August, 1989.

And further deponents saith not.

Curtis A. Lucas

Nathan D. Workman

Sworn and subscribe before me this 30th day of August, 1989
My commission expires June 10, 1997

[Signature]
Notary Public

SEP 8 1989