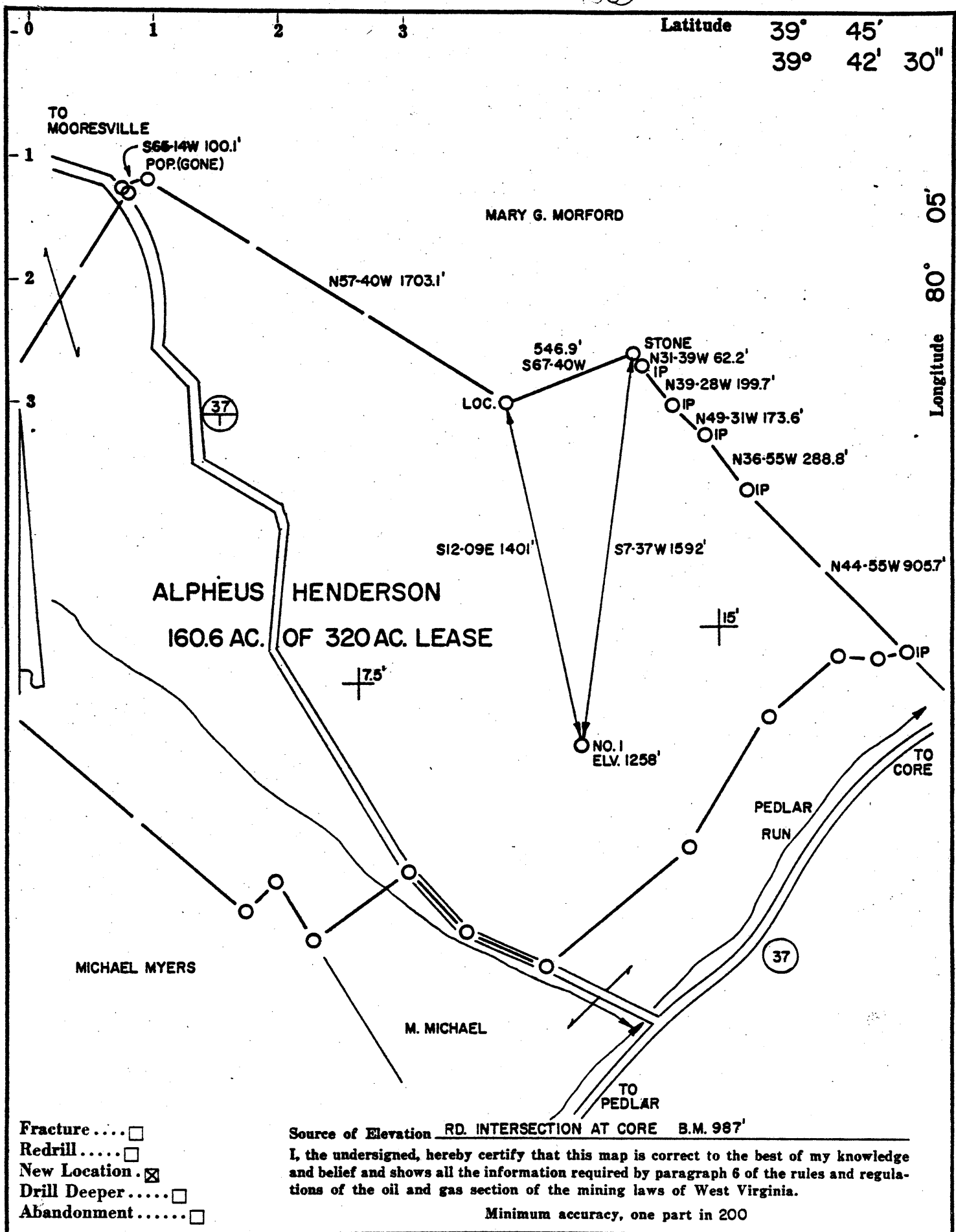


2-53

100 9-12-80



Compan. **CHRISMAN DRILLING CO.**
 Address **PITTSBURGH, PA. 152**

Farm **ALPHEUS HENDERSON** SURF: BRUCE HENDERSON

Tract **160.6** Acres **320** Lease No. **15297**

Well (Farm) No. **1** Serial No. **8207**

Elevation (Spirit Level) **1258'**

Quadrangle **BLACKSVILLE NE 31 OSAGE 7 1/2**

County **MONONGALIA** District **CLAY**

Engineer *R. J. McMillan*

Engineer's Registration No. **L.L.S.NO. 105**

File No. **232/104** Drawing No. _____

Date **7/8/80** Scale **1" = 500'**

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

WELL LOCATION MAP

FILE NO. **061-0614 - P**

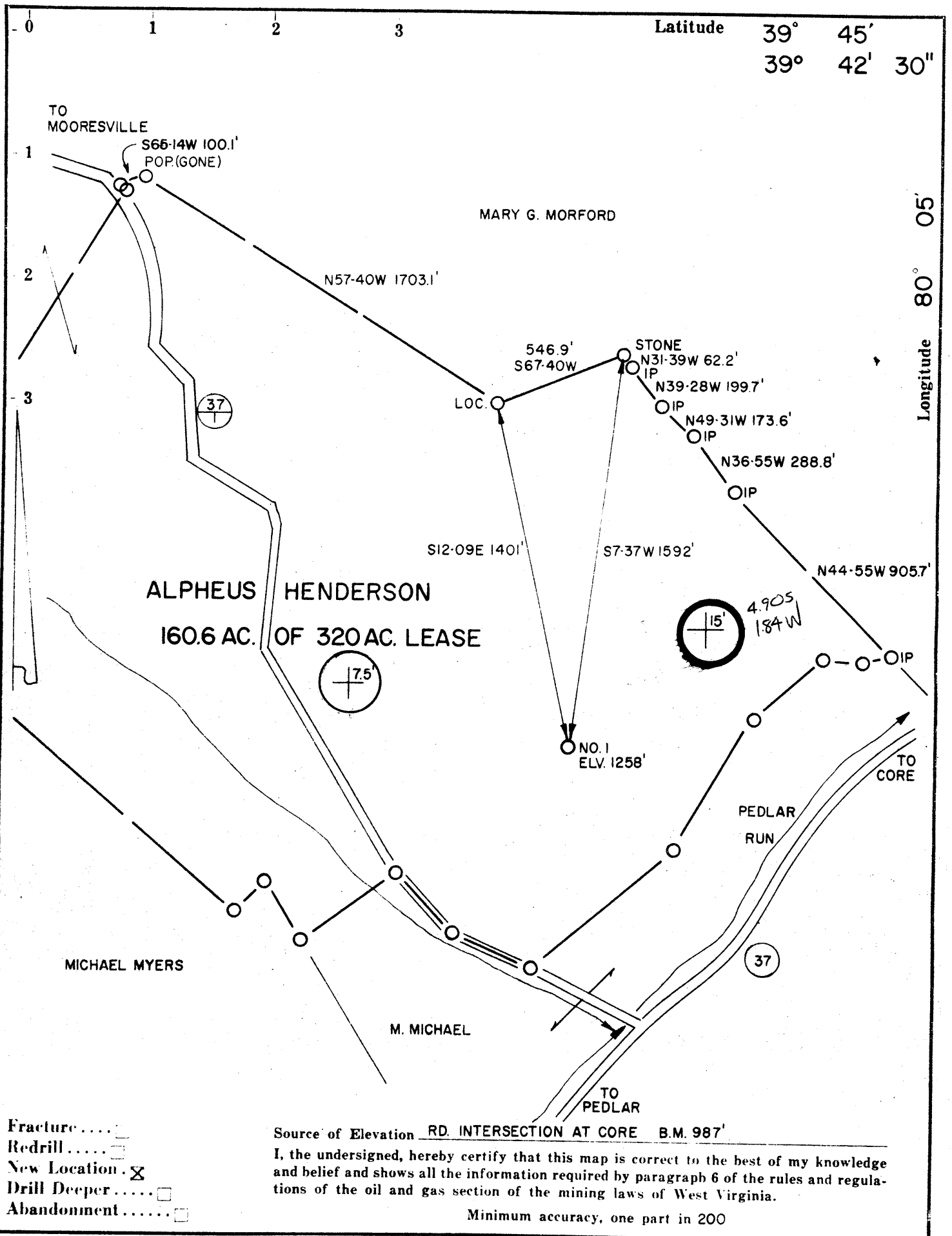
FORMERLY - 061-0607

+ 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.

061-0614 - 3000

MAR 23 1981



Company **EQUITABLE GAS COMPANY**
 Address **PITTSBURGH, PA. 15219**
 Farm **ALPHEUS HENDERSON** SURF: BRUCE HENDERSON
 Tract **160.6** Acres **320** Lease No. **15297**
 Well (Farm) No. **1** Serial No. **8207**
 Elevation (Spirit Level) **1258'**
 Quadrangle **BLACKSVILLE NE 3! OSAGE 7 1/2**
 County **MONONGALIA** District **CLAY**
 Engineer *R. J. McMillan*
 Engineer's Registration No. **L.L.S.NO. 105**
 File No. **232/104** Drawing No. _____
 Date **7/8/80** Scale **1" = 500'**

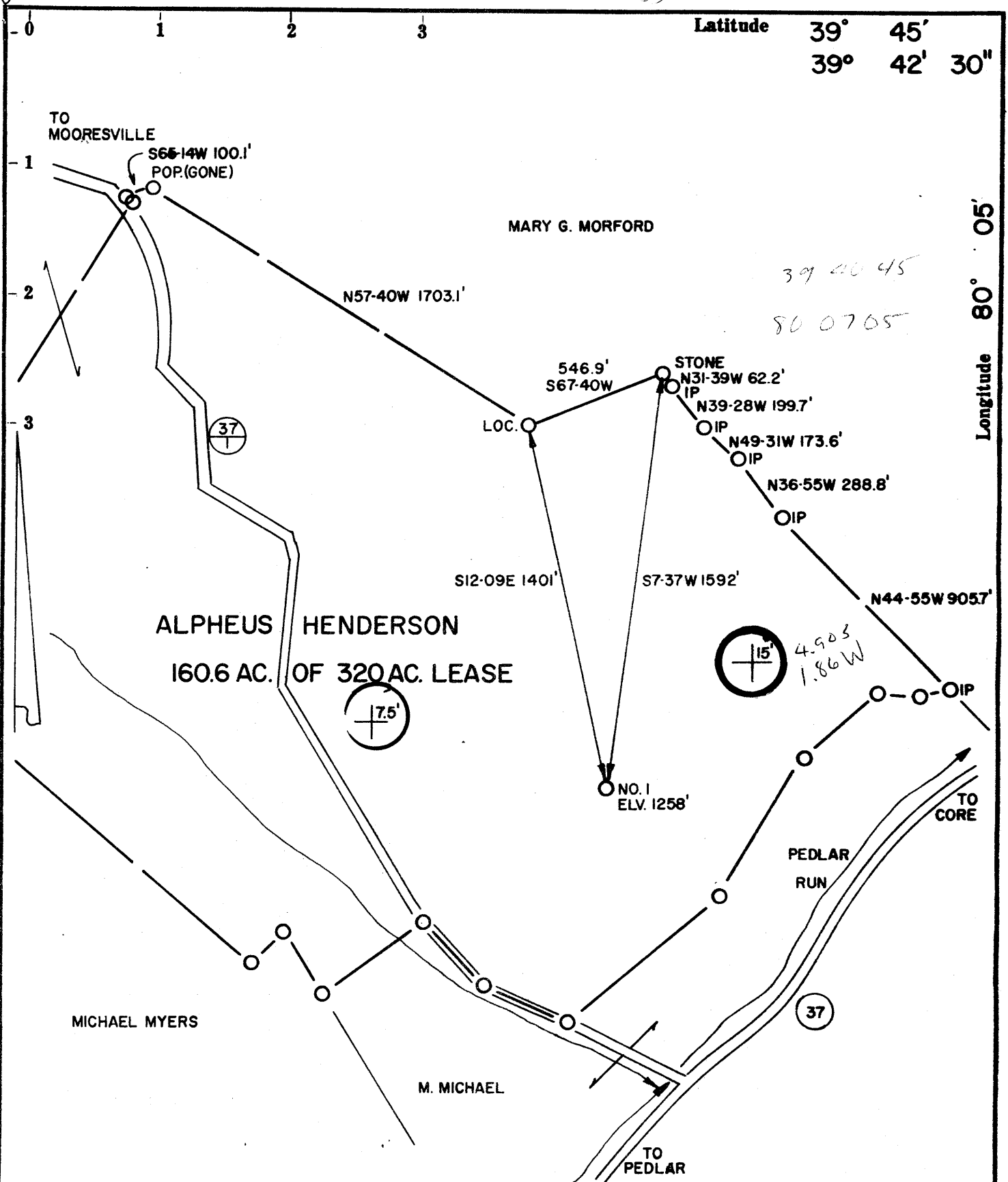
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. **061-0607** *now 614-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.

OCT 10 1980



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

Source of Elevation RD. INTERSECTION AT CORE B.M. 987'

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 accuracy, one part in 200

Compan.	CHRISMAN DRILLING CO.		
Address	PITTSBURGH, PA. 152		
Farm	ALPHEUS HENDERSON	SURF:	BRUCE HENDERSON
Tract	160.6 Acres	320	Lease No. 15297
Well (Farm) No.	1	Serial No.	8207
Elevation (Spirit Level)	1258'		NC
Quadrangle	BLACKSVILLE NE 3! OSAGE 7 1/2		
County	MONONGALIA	District	CLAY
Engineer	<i>R. J. McMillan</i>		
Engineer's Registration No.	L.L.S. NO. 105		
File No.	232/104	Drawing No.	
Date	7/8/80	Scale	1" = 500'

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

WELL LOCATION MAP

FILE NO. **061-0614**

FORMERLY - 61-0607 - MCN.

+ 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.

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FEB - 9 1981

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

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Blacksville NE 31
Permit No. 47-061-0614

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Chrisman Drilling Company
Address 500 Miranda Road, Pittsburgh, PA
Farm Alpheus Henderson Acres 232
Location (waters) Pedlar Run
Well No. 1 Elev. 1258'
District Clay County Monongalia
The surface of tract is owned in fee by _____
Bruce Henderson
Address Core, W. Va.
Mineral rights are owned by Alpheus Henderson
Heirs Address _____
Drilling Commenced 1/7/81
Drilling Completed 1/16/81
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			fill to surface 10 3/4" line welded on 8 from 835' - filled with cement to 8 5/8"
Cond. 13-10"			
9 5/8			
8 5/8	930'	930'	
7			
5 1/2			
4 1/2			
3			
2			
Liners Used	10 3/4" welded		

Well treatment details:

Attach copy of cementing record.

Hole full of water and lost 7 7/8" bit
1700'. Hole caving to bad to fish out
bit. Plugged hole and skid the rig.

Coal was encountered at _____ Feet _____ Inches
Fresh water 220 Feet _____ Salt Water 1710 Feet _____
Producing Sand Abandoned Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay	Brown	Soft	0	15		
Sand	Grey	Med.	15	45		
Coal	Black	soft	45	47		
Slate & Lime	Grey	Med.	47	588	Water - 220'	
Coal	Black	Soft	588	594	Water - 588'	
Slate & Lime	Grey	Med.	594	810		
Coal Shaft			810	816		
Slate & Lime	Grey	Med.	816	965		
Red Rock	Red	Soft	965	990		
Slate	Grey	Soft	990	1090		
Red Rock	Red	Soft	1090	1100		
Slate & Lime	Grey	Med.	1100	1425		
Sand	Grey	Med.	1425	1600		
Slate	Grey	Soft	1600	1625		
Sand <u>BI</u>	Grey	Med.	1625	1732	TD 1732'	

MAR 23 1981



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED
SEP 10 1980

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 27, 1980

Surface Owner Alpheus Henderson
Address Core, West Virginia 26529

Company EQUITABLE GAS COMPANY
Address Pittsburgh, PA 15219

Mineral Owner Same as above
Address _____

Farm Alpheus Henderson Acres 320
Location (waters) Pedlar Run

Coal Owner Consolidation Coal Company
Address Box 100, Osage, WV 26543

Well No. 8207 Elevation 1258
District Clay County Monongalia

Coal Operator Same as above
Address _____

Quadrangle Blacksville NE 3¹

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 5-25-81.

INSPECTOR
TO BE NOTIFIED William Blosser

ADDRESS P. O. Box 1028, Colfax, WV 26566

PHONE 363-9105

John Bardette
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 April 24 ~~in~~ 1895 by Alpheus Henderson, etux made to Chartiers Oil Co. and recorded on the 21st day of May ~~in~~ 1895 in Monongalia County, Book 39 Page 486

~~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, Richard E. Williams
(Sign Name) EQUITABLE GAS COMPANY
Well Operator

420 Blvd. of the Allies
Street
Pittsburgh
City or Town
Pennsylvania 15219
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

47-061-0607

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 _____

now 614-P



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 29 1980

Oil and Gas Division
OIL AND GAS DIVISION
DEPT. OF MINES
OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Alpheus Henderson
Address Core, West Virginia 26529
Mineral Owner Same as above
Address _____
Coal Owner Consolidation Coal Company
Address Box 100, Osage, WV 26543
Coal Operator Same as above
Address _____

DATE August 27, 1980
Company CHRISMAN DRILLING CO.
Address Pittsburgh, PA
Farm Alpheus Henderson Acres 320
Location (waters) Pedlar Run
Well No. 1 Elevation 1258
District Clay County Monongalia
Quadrangle Blacksville NE 3¹

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 6-30-81.

INSPECTOR
TO BE NOTIFIED William Blosser
ADDRESS P. O. Box 1028, Colfax, WV 26566
PHONE 363-9105

Fred Burdette
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 April 24 1895 by Alpheus Henderson, et ux made to Chartiers Oil Co. and recorded on the 21st day of May 1895 in Monongalia County, Book 39 Page 486
~~NEW DRILL~~ 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, CHRISMAN DRILLING COMPANY
By [Signature]
(Sign Name) _____
Well Operator
500 Miranda Road

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

Street
Pittsburgh
City or Town
Pennsylvania 15241
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.

47-061-0614

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."

(Formerly: 061-0607)

Signed by _____

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

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME R. E. Williams
 ADDRESS _____ ADDRESS 420 Blvd. of the Allies, Pgh., PA 15
 TELEPHONE _____ TELEPHONE (412) 471-7600
 ESTIMATED DEPTH OF COMPLETED WELL: 5000 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Balltown
 TYPE OF WELL: OIL _____ GAS 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	30'	30'	Cement to surface
13 - 10			
9 - 5/8			
8 - 5/8	1100'	1100'	Cement from 1100' to 830' cement basket set @ 780' cement to surface.
7			
5 1/2			
4 1/2	5000'	5000'	50 sks
3			Perf. Top
2			Perf. Bottom
Liners 10" welded to 8-5/8" (Approx. 3 joints cement between 8-5/8" & 10" liner)		870' to 780'	Perf. Top Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER 1811' & 2200' FEET
 APPROXIMATE COAL DEPTHS Pgh. Coal 827' - 833'
 IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Consolidation Coal Co.

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

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

RECEIVED
FEB - 9 1981
DEPT. OF MINES

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.

Consolidated Coal
COAL OPERATOR OR OWNER

Chrisman Drilling Company
NAME OF WELL OPERATOR
500 Miranda Road
Pittsburgh, PA 15241
COMPLETE ADDRESS

ADDRESS

January 30, 19 81
WELL AND LOCATION

COAL OPERATOR OR OWNER

Clay District

ADDRESS

Bruce Henderson

Monongalia County

LEASE OR PROPERTY OWNER

Core, W. Va.

Well No. 1

Alpheus Henderson Farm

STATE INSPECTOR SUPERVISING PLUGGING William Blosser, Farimont, WV 363-9105

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Ritchie } SS:

Eldon J. Haught and Alpha Ankrom
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 Chrisman Drilling Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 16th day of January, 1981, 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
Sand 1625-1732	7 7/8" Bit Lost in Hole 1700' Gel 1700-1200	270' cement		
Slate 1600-1625	Cement 1200-930	930'-1200'		8 5/8"
Sand 1425-1600	Gel - 930' to surface			930'
Slate 1100-1425				cemented to surface
Redrock 1090-1100				
Slate 990-1090				
Redrock 965- 990				
Slate 816- 965				
Coal 810- 816				
slate & lime 594- 810				
Coal 588- 594				
Slate 47- 588				
Coal 45- 47				
Sand 15- 45				
Soil 0- 15				
COAL SEAMS			DESCRIPTION OF MONUMENT	
(NAME) 45-47			8 5/8" Nipple 30" long with cap and inscription in top of surface casing.	
(NAME) 588-594				
(NAME) 810-816				
(NAME)				

and that the work of plugging and filling said well was completed on the 16th day of January, 1981.

And further deponents saith not.

Eldon J. Haught
Alpha Ankrom

Sworn to and subscribed before me this 16th day of January, 1981.

My commission expires:
September 16, 1989

Alpheus R. Haught
Notary Public.