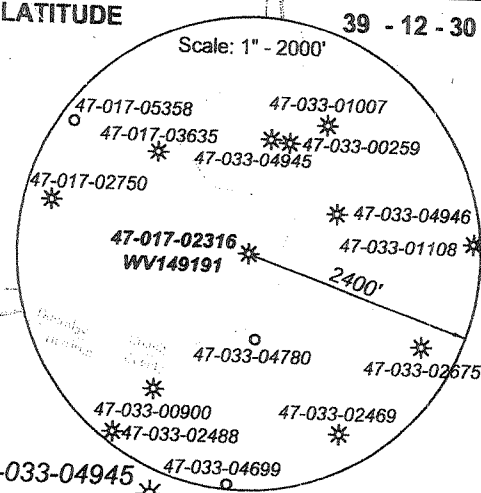


Equitable Production Company Inc.
47-017-02316 WV 149191
A.J. Furby 75.93 Acre Lease

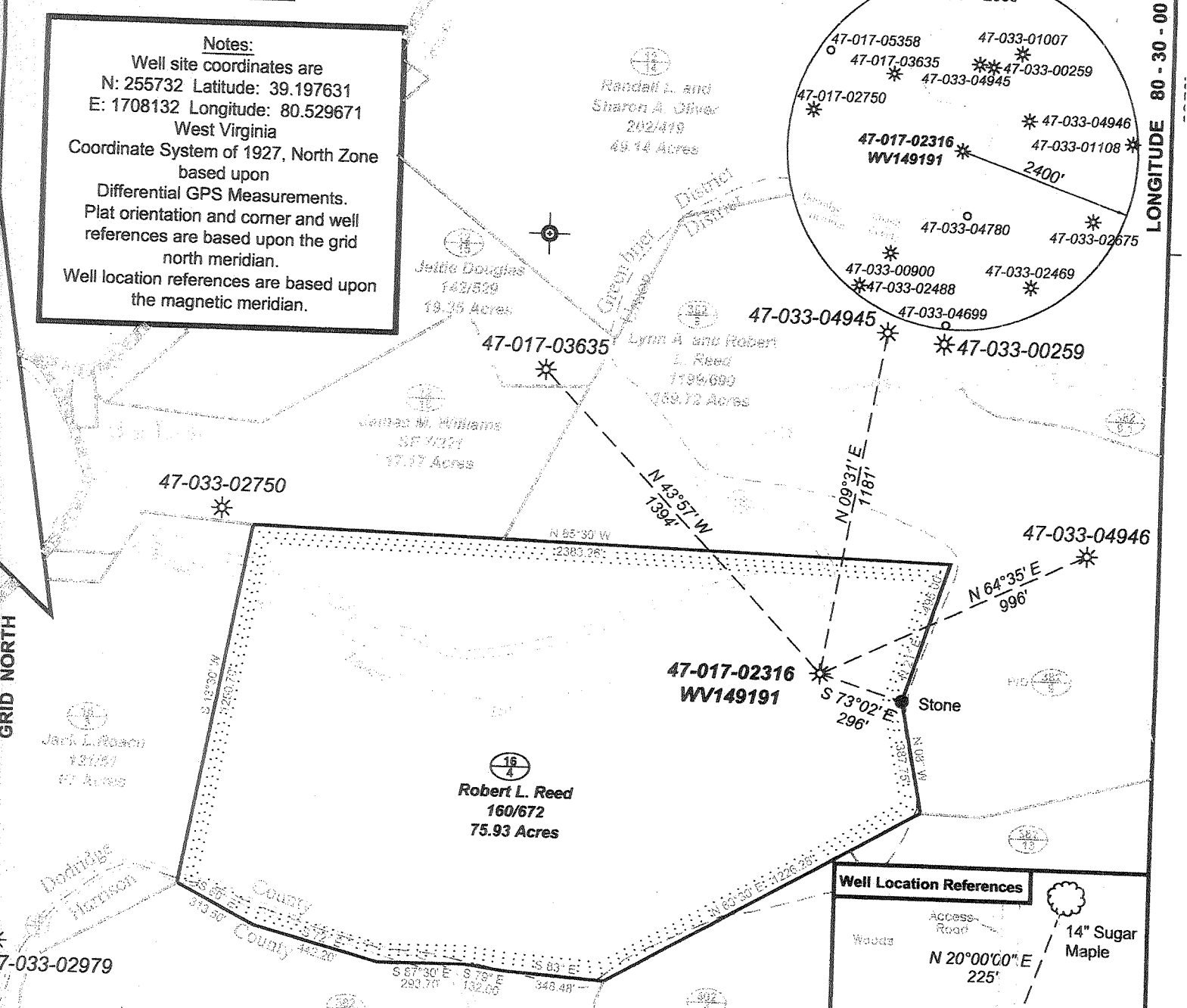
LATITUDE 39 - 12 - 30
Scale: 1" = 2000'

LONGITUDE 80 - 30 - 00

Notes:
Well site coordinates are
N: 255732 Latitude: 39.197631
E: 1708132 Longitude: 80.529671
West Virginia
Coordinate System of 1927, North Zone
based upon
Differential GPS Measurements.
Plat orientation and corner and well
references are based upon the grid
north meridian.
Well location references are based upon
the magnetic meridian.

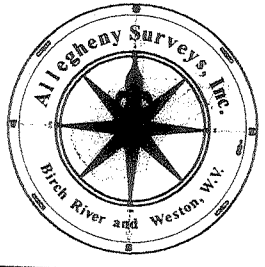
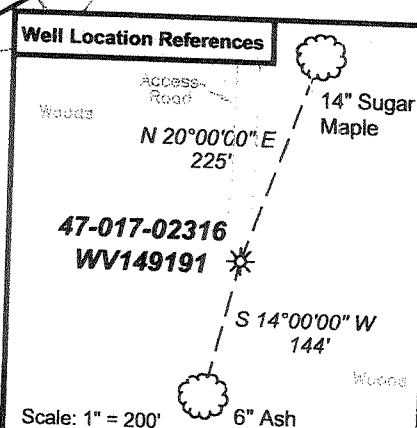


GRID NORTH



Legend
 * Gas well existing
 • Found corner, as noted
 - - - Surface boundary (approximate)
 Surface boundary (approximate)

(*) Denotes location of well on United States topographic maps



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Ben R. Singleton
P.S. 2092



FILE NO: 132-30-G-07 (EQT 1-68)
DRAWING NO: 13230G07_WV149191.dwg
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: HARN DEP Base Station Kanawha City

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

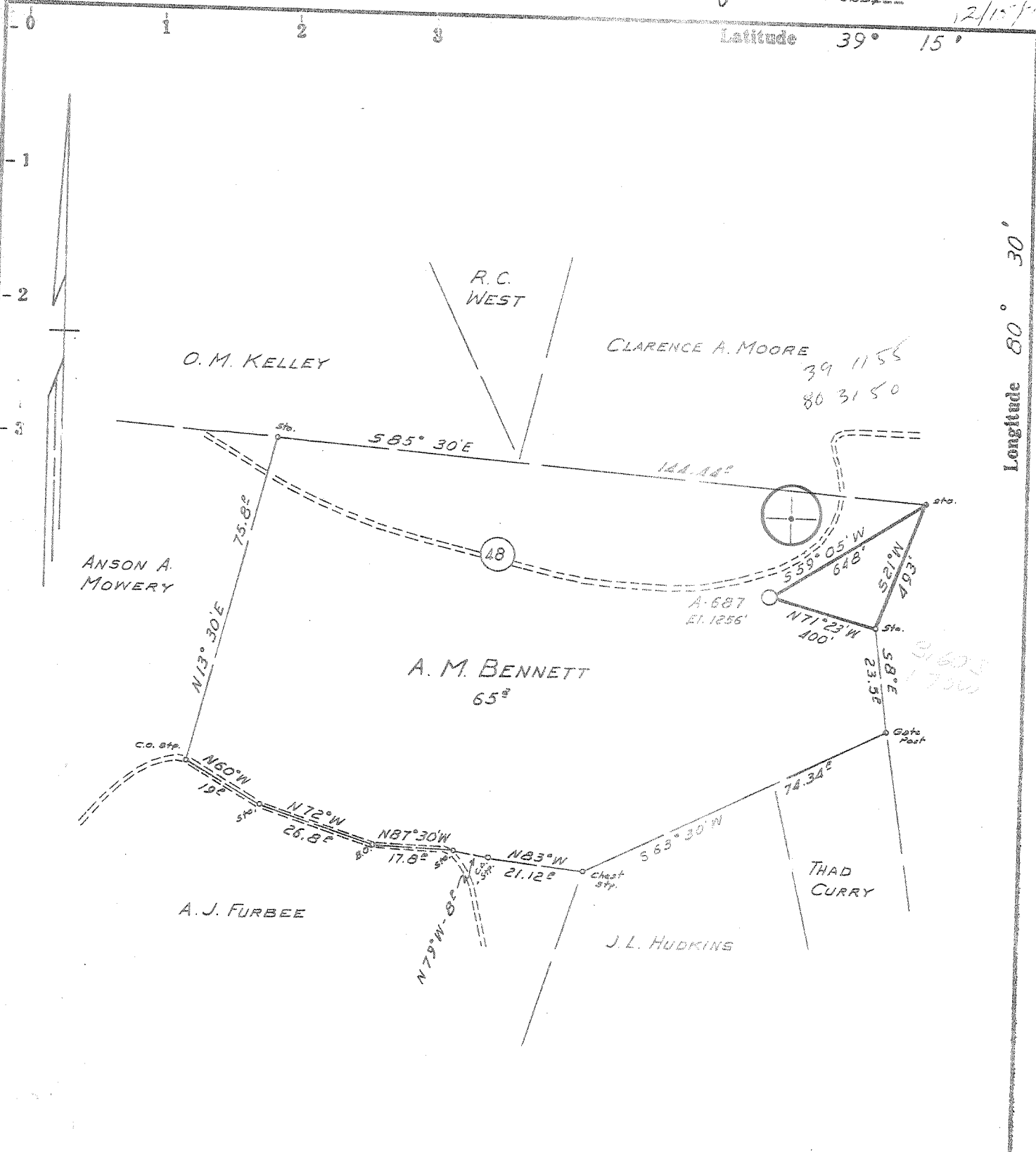
DATE: March 31 20 08
OPERATOR'S WELL NO. WV149191
API WELL NO: 47-017-02316
47 - 017 - 02316
STATE COUNTY PERMIT
Bennett 4687

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1302' WATERSHED Tributary of Laurel Run
QUADRANGLE: Big Isaac DISTRICT: Greenbrier COUNTY: Doddridge
SURFACE OWNER: Robert L. Reed ACREAGE: 75.93
LAND AND GAS ROYALTY OWNER: Ora Virginia White Estate c/o Mary Harcha LEASE NO: 090491 ACREAGE: 65
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Benson ESTIMATED DEPTH: 5070'
WELL OPERATOR: Equitable Production Company, Inc. DESIGNATED AGENT: *Rex C. Ray*
ADDRESS: 1710 Pennsylvania Ave. ADDRESS: 1710 Pennsylvania Ave.
Charleston, WV 25302

Dodd 2316 E

AUG 01 2008

12/15/78



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

Source of Elevation MID-AMERICAN WELL #2 ELEV 1237'
 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

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W.V. 26301
 Farm A.M. BENNETT Robert L. REED
 Tract _____ Acres 6.5 Lease No. _____
 Well (Farm) No. _____ Serial No. A-687
 Elevation (Spirit Level) 1256'
 Quadrangle VADIS NE
 County DODDRIDGE District GREENBRIER
 Engineer Daniel L. Moxley
 Engineer's Registration No. 530 L.L.S.
 File No. 199 Drawing No. B-961
 Date 12-11-78 Scale 1" = 500'

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

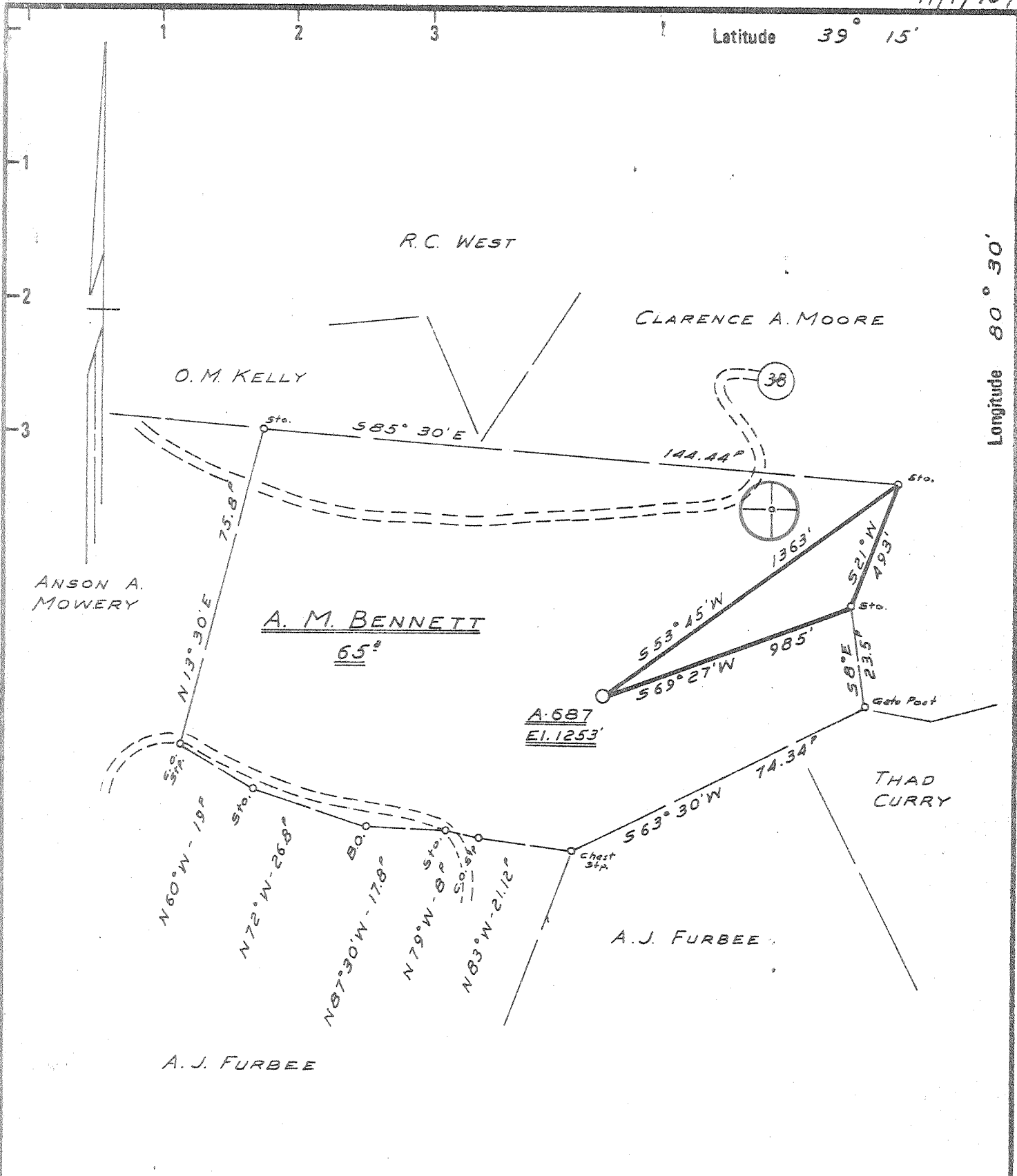
WELL LOCATION MAP
 FILE NO. 47-017-2316 REV

+ 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.

JAN 4 1979

16-4 4950 - 8014 JARVISVILLE 151

11/1/78



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure ONE PART IN 200
 Source of Elevation MID-AMERICAN WELL #2 ELEV. 1237'
 "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."

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W.V. 26301
 Farm A. M. BENNETT, ROBERT L. REED
 Tract _____ Acres 65 Lease No. _____
 Well (Farm) No. _____ Serial No. A-687
 Elevation (Spirit Level) 1253'
 Quadrangle VADIS NE
 County DODDRIDGE District GREENBRIER
 Engineer Donal L. Wheeler
 Engineer's Registration No. 530 L.L.S.
 File No. 199 Drawing No. B-961
 Date 4-10-78 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DODD-2316

+ 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.

47-017 DEC 4 1978

44000' Roman Bell House



RECEIVED

JAN 23 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD 2

Quadrangle VADIS

Permit No. DODD-2316

47-017

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

Company Allegheny Land & Mineral Co.
Address Box 1740, Clarksburg, WV
Farm A.M. Bennett Acres 65
Location (waters) Big Isaac
Well No. A-687 Elev. 1253'
District Greenbrier County Doddridge
The surface of tract is owned in fee by _____
Robert Reed, Rt. 1, Box 199A
Address West Springfield, PA 16443
Mineral rights are owned by Ora Virginia White
etal, 311 2nd St., St. Mary's, WV 26170
Address _____

Drilling Commenced January 6, 1979
Drilling Completed January 11, 1979
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			
Cond. 11-3/4"	45'	45'	
9 5/8			
8 5/8	1347'	1347'	Cement to surface
7			
501/2			
4 1/2	5023'	5023'	" " 4600'
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well was fractured January 23, 1979 by Halliburton

Final test: Open flow - 949 MCF

Rock Pressure - 1600# - 16 hrs.

Coal was encountered at 5-8', 120-1', 598-602', 867-70', 1182-85', 1225-27', 1265-70'
Fresh water @ 25' & 560' Feet _____ Salt Water _____ Feet _____
Producing Sand Benson Depth 4924-4948'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
COAL*****			5	8	Coal *****	
Sand & Shale			8	120	Water - 2" stream @ 25'	
COAL *****			120	121	COAL*****	
Sand & Shale			121	598	Water - 2 1/2" stream @ 560'	
COAL *****			598	602	COAL*****	
Sand & Shale			602	867		
COAL *****			867	870	Coal *****	
Sand & Shale			870	1182		
COAL *****			1182	1185	Coal *****	
Sand			1185	1225		
COAL *****			1225	1227	Coal *****	
Sand			1227	1265		
COAL *****			1265	1270	Coal *****	
Sand & Shale			1270	1970		
Little Lime			-1970	1982		
Sand & Shale			1982	2018		
Big Lime			-2018	2096		
Injun Sand			2096	2172		
Sand & Shale			2172	2508		
Sand			-2508	2520		
Sand & Shale			2520	2604		
Sand			2604	2698		
Shale			2698	2710		
Sand			2710	2738		

Perforations:
4941-4949' - 8 holes
4951-4955' - 8 "
Log not on depth.

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet ²	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			2738	2946		
Sand			2946	2954		
Sand & Shale			2954	3338		
Spechly Sand			3338	3412		
Sand & Shale			3412	3606		
Balltown Sand			3606	3634		
Sand & Shale			3634	3718		
Bradford Sand			3718	3762		
Sand & Shale			3762	4924		
Benson Sand			4924	4948		
Sand & Shale			4948	5070		
			total depth	5070	(Driller)	

Date January 25 1979

APPROVED Allegheny Land & Mineral Co owner

By Claron Dawson, Supt.
(Title)

ALLEGHENY LAND AND MINERAL CO.

Under this lease or grant dated the 25th day of February, 1891, from A. J. Furbee unto A. H. Lowe, subsequently, Consolidated Gas Supply Corporation.

This lease was recorded on the 27th day of February, 1891, in Deed or Lease Book 5, Page 15 in the Office of the County Clerk of Doddridge County, West Virginia.

Allegheny Land and Mineral Company is vested with the drilling rights of this lease by virtue of an agreement dated the 6th day of May, 1977, granted by Consolidated Gas Supply Corporation.

RECEIVED

NOV - 2 1978

OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

NOV - 1 1978

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 30, 1978

Surface Owner Robert L. Reed
Rt. 1, Box 199-A
Address West Springfield, PA 16443

Company ALLEGHENY LAND & MINERAL COMPANY
Address P. O. Drawer 1740, Clarksburg, WV

Mineral Owner Ora Virginia White, etal
311 Second Street
Address St. Mary's, WV 26170

Farm A. M. Bennett Acres 65

Coal Owner Eastern Associated Coal
Koppers Building
Address Pittsburgh, PA 15219

Location (waters) Big Isaac

Coal Operator _____
Address _____

Well No. A-687 Elevation 1253'

District Greenbrier County Doddridge

Quadrangle Vadis

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 3-14-79.

INSPECTOR
TO BE NOTIFIED Paul Garrett
321 Beech Street
ADDRESS Clarksburg, WV 26301
PHONE 622-3871

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 see attached 19____ by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____
XX 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, ALLEGHENY LAND & MINERAL CO.
(Sign Name) Paul Garrett Manager
Well Operator
Land, Lease and Right of Way
P. O. Drawer 1740
Street
Clarksburg
City or Town
West Virginia
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.

DODD-2316 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."

47-017

Signed by _____

BLANKET BOND

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME ALLEGHENY LAND & MINERAL COMPANY
 ADDRESS _____ ADDRESS P. O. Drawer 1740, Clarksburg, W
 TELEPHONE _____ TELEPHONE (304) 623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: 4950' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson-Balltown
 TYPE OF WELL: OIL _____ GAS XX 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	20'	20'	cement to surface
13 - 10			
9 - 5/8			
8 - 5/8	650'	650'	cement to surface
7			
5 1/2			cement to 300' above
4 1/2	4950'	4950'	producing horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60-100 FEET _____ SALT WATER _____ FEET _____

APPROXIMATE COAL DEPTHS 595' _____

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