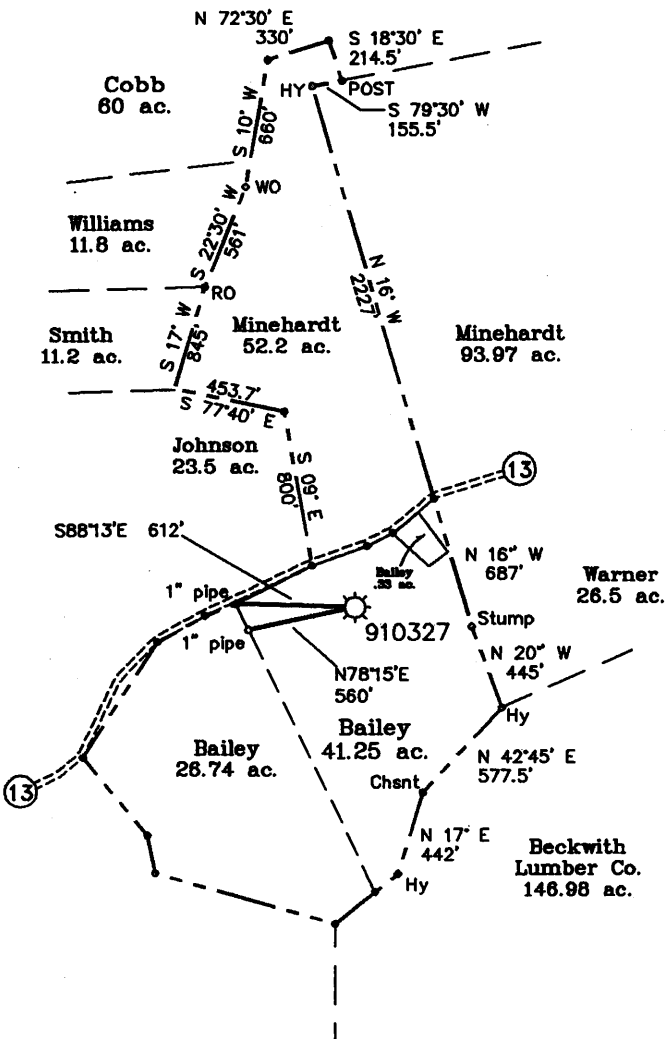


7 1/2'

NORTH

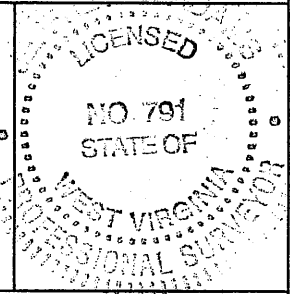


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 1,000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION GPS  
Submeter unit

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 ENERGY.

(SIGNED) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 791



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE April 26, 2006  
 OPERATOR'S WELL NO. 910327  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 STATE 47 COUNTY 041 PERMIT 1529 F

(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1,115' WATER SHED Hilly Upland Run  
 DISTRICT Hackers Creek COUNTY Lewis  
 QUADRANGLE Weston 7 1/2'

SURFACE OWNER Michael Richard Bailey ACREAGE 41.25 ac.  
 OIL & GAS ROYALTY OWNER Grace Jackson Heirs LEASE ACREAGE 125 ac.  
 LEASE NO. 7001103

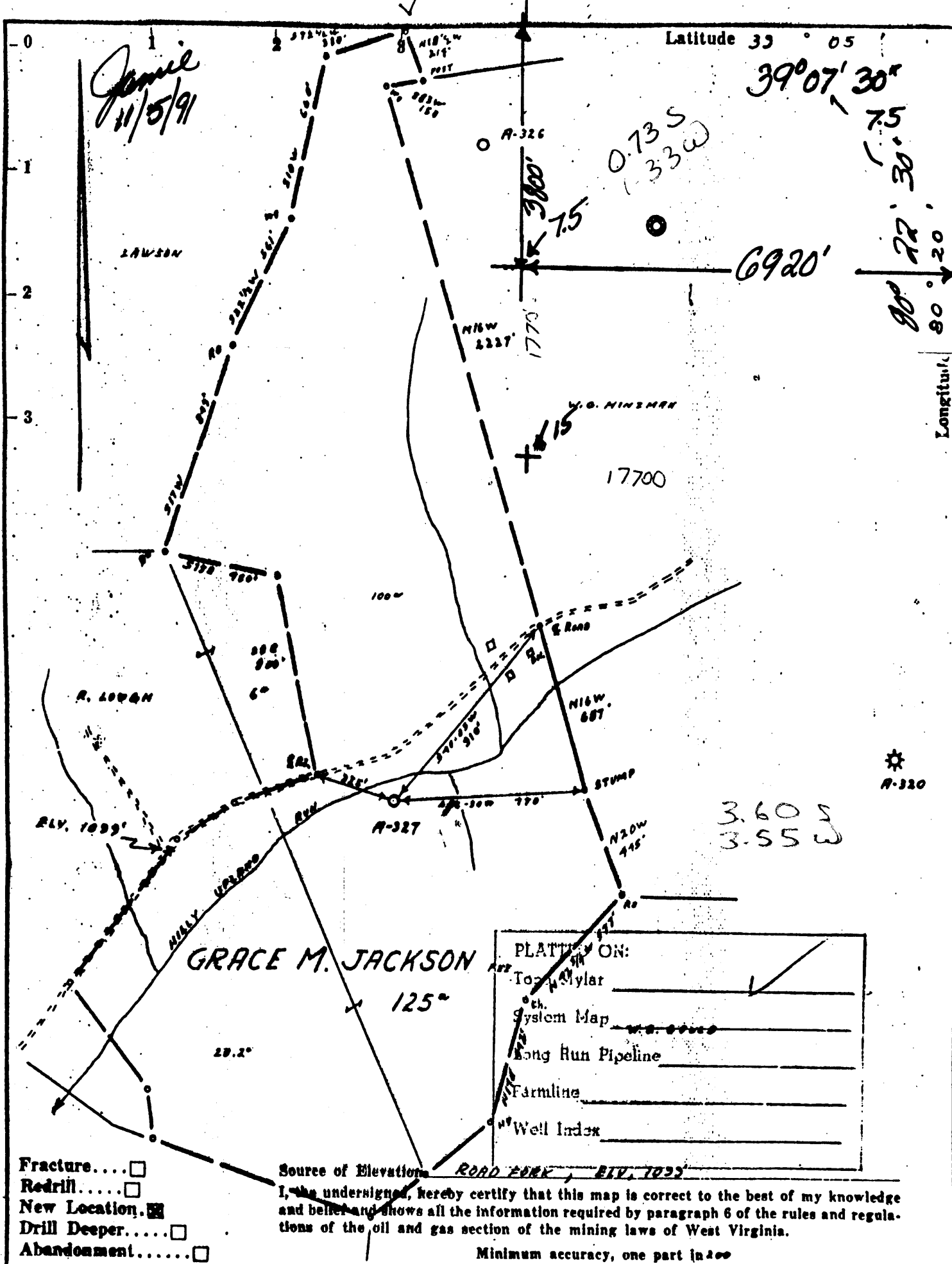
PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION X PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Injun Gantz Gordon Balltown ESTIMATED DEPTH 1,816' - 3,512'  
 WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Michael John  
 ADDRESS P.O. Box 6070, Charleston, WV 25362-0070 ADDRESS P.O. Box 6070, Charleston, WV 25362-0070

COUNTY NAME LEW PERMIT 1529 F

66(153)

JUN 16 2006



Company Alanco

Address Box 1740 Clarksburg, W.V. 26301

Farm GRACE M. JACKSON

Tract Acres 125 Lease No. \_\_\_\_\_

Well (Farm) No. \_\_\_\_\_ Serial No. A-327

Elevation (Spirit Level) 1115'

Quadrangle WESTON 15 7.5 15 SE

County LEWIS District HACKERS CK.

Engineer James D. Jeffries

Engineer's Registration No. 1084

File No. 212/104 Drawing No. \_\_\_\_\_

Date 2-15-67 Scale 1" = 500'

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

**WELL LOCATION MAP**  
API Well No. 47-044-01529-7

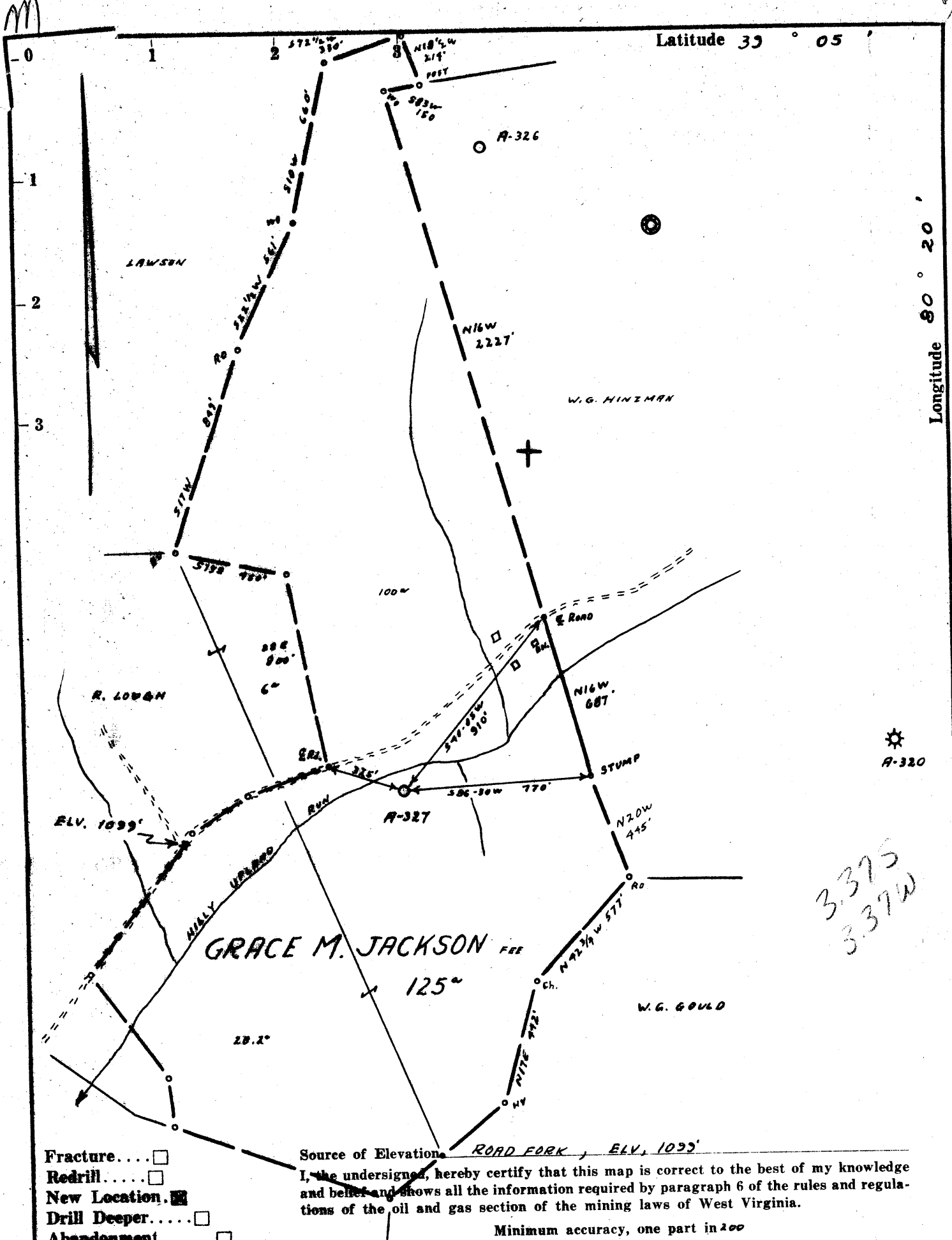
Concealed

+ 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.

JUL 6 1967





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

Source of Elevation ROAD FORK, ELV. 1099'

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

3.375  
3.37W

Company	ALLEGHENY LAND & MINERAL CO.	
Address	CLARKSBURG, W.VA.	
Farm	GRACE M. JACKSON	
Tract	Acres 125	Lease No.
Well (Farm) No.	Serial No. A-327	
Elevation (Spirit Level)	1115'	
Quadrangle	WESTON 42 5C	
County	LEWIS	District HACKERS CK.
Engineer	James Duffin	
Engineer's Registration No.	1084	
File No.	212/104	Drawing No.
Date	2-15-67	Scale 1" = 500'

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

**WELL LOCATION MAP**  
FILE NO. LEW-1529

+ 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.

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: BAILEY, MICHAEL RICHARD Operator Well No.: 910327

LOCATION: Elevation: 1,115' Quadrangle: WESTON 7.5'

District: HACKERS CREEK County: LEWIS  
Latitude: 4,068 Feet North of 39 Deg. 02 Min. 30 Sec.  
Longitude 2,675 Feet West of 80 Deg. 22 Min. 30 Sec.  
6150'

Company: CHESAPEAKE ENERGY

	Casing & Tubing	Used in Drilling	Left in well	Cement fill up Cu. Ft.
Address: Post Office Box 6070 Charleston, WV 25362-0070	13"	21'	21'	
Agent: Michael John	8-5/8"	658'	658'	CTS
Inspector: Tim Bennett	4-1/2"	4,583'	4,583'	
Date Permit Issued: 06/13/2006				
Date Well Work Commenced: 07/20/2006				
Date Well Work Completed: 07/24/2006				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Depth (feet):				
Fresh Water depths (ft):				
Salt water depths (ft):				
Is coal being mined in area (Y/N)? <input type="checkbox"/> NO				
Coal Depths (ft):				

OPEN FLOW DATA

Producing formation Balltown Pay zone depth (ft) 3317-3325  
Gantz 1996-2005  
Big Injun 1818-1826

Gas: Initial open flow 335\* MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
\* Comingled \_\_\_\_\_  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure 480 psig (surface pressure) after 72 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FR ACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLS

Signed: CHESAPEAKE APPALACHIA, L.L.C.

By: [Signature]

Date: 9/8/06

LEW 1529F

RECEIVED  
Office of Oil & Gas  
Office of Chief  
SEP 20 2006  
WV Department  
Environmental Protection





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Permit No. Lew-1529

Company Allegheny Land & Mineral Co.  
Address Clarksburg, W. Va.  
Name Grace M. Jackson Acres 125  
Location (waters) \_\_\_\_\_  
Well No. A-327 Elev. 1115  
District Hackers Creek County Lewis  
The surface of tract is owned in fee by Grace M. Jackson Hrs 3/4  
Address Weston, W. Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16		21'	
13	21'	21'	
10			Size of
8 1/4	658'	658'	
6 3/4			Depth set
5 3/16			
4 1/2	4583'	4583'	
3			Perf. top <u>4543</u>
2			Perf. bottom <u>4547</u>
Liners Used			Perf. top <u>4550 1/2</u>
			Perf. bottom <u>4552 1/2</u>

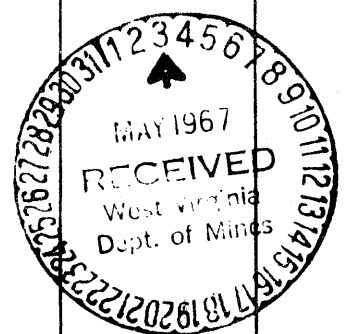
Drilling commenced April 7, 1967  
Drilling completed April 14, 1967  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume Show Cu. Ft.  
Rock Pressure Not taken lbs. hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Attach copy of cementing record.  
CASING CEMENTED 4 1/2" SIZE 199' No. Ft. 4-15-67 Date  
Amount of cement used (bags) 120  
Name of Service Co. Dowell  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) April 26, 1967 By Dowell

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 11/10 Merc. 4" 2,054 MCF  
ROCK PRESSURE AFTER TREATMENT 1580# HOURS 12 hr.  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Benson Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale & Lime			0	20			
Coal			20	25			
Shale			25	654			
Shale & slate			654	716			
Shale & Lime			716	730			
Lime			730	885			
Shale			885	918	***Water		
Lime & shale			918	1065			
Shale			1065	1193			
Sand			1193	1240			
Sand shale			1240	1302			
Shale			1302	1464			
Sand			1464	1474			
Shale, Lime			1474	1690			
Lime			1690	1847			
Shale, Lime			1847	1910			
Shale			1910	2045			
Lime			2045	2129			
Shale w/Lime			2129	2150			
Sand w/Lime			2150	2163			
Lime w/Shale			2163	2367			
Sand			2367	2400			
Sand w/shale			2400	2465			
Shale w/Lime			2465	3712			
Shale			3712	4429			
Shale			4429	4587	Gas		
Base			4587	4629			
Total depth				4629			



4 1/2" casing perforated:  
4543 to 4547 -- 16 shots  
4550 1/2 to 4552 1/2 - 8 "

May 16, 1967

4429  
1115  
3514





1) Date: October 30, 1991  
2) Operator's well number  
A-327 (Jackson)  
3) API Well No: 47 - 041 - 01529 - /  
State - County - Permit.

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name Eleanor Grove Marshall  
Address Route 2, Box 27  
Weston, WV 26452  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Tim Bennett  
Address 737 Karl Street  
Weston, WV 26452  
Telephone (304)-269-6167

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Eleanor Grove Marshall  
Address Route 2, Box 27  
Weston, WV 26452  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

\_\_\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
XX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 8 on the above named parties, by:

- \_\_\_\_\_ Personal Service (Affidavit attached)
- XX Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator ALAMCO, INC.  
By: \_\_\_\_\_  
Its: Manager, Land  
Address P. O. Box 1740  
Clarksburg, WV 26301  
Telephone 304 623-6671

Subscribed and sworn before me this 30th day of October, 1991

COMMISSIONER  
~~Notary Public~~