

WR-35
Rev (5-01)

DATE: 08-03-09
API #: 47-097-03646

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

Farm name: HOWELL RONALD et al Operator Well No.: 1-
WVO346
BUCKHANNON 7.5 Location elevation 1465

District: UNION
County: UPSHUR
Latitude: 38-59-47.9 Feet South of Deg Min Sec.
Longitude: 80-11-37.3 Feet West of Deg Min Sec.

Company: Mountain V Oil & Gas, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: PO Box 470	13 3/8		42	SAND IN
Bridgeport, WV 26330	7 "		1402	220 SK.
Agent: MIKE SHAVER	4 1/2		4024	85 SK
Inspector: CRAIG DUCKWORTH				
Date Permit Issued:	04-30-09			
Date Well Work Commenced:	06-21-09			
Date Well Work Completed:	06-24-09			
Verbal Plugging:				
Date Permission granted on:				
RotaryX Cable Rig				
Total Depth (feet):	5490			
Fresh Water Depth (ft.):	N/A			
Salt Water Depth (ft.):	N/A			
Is coal being mined in area (N/Y)?	N			
Coal Depths(ft.):				

RECEIVED
Office of Oil & Gas

AUG 07 2009

WV Department of
Environmental Protection

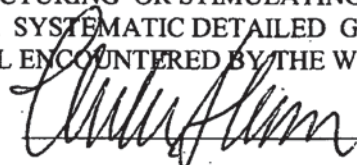
OPEN FLOW DATA

Producing formation: BENSON/RILEY, Pay zone depth (ft.) 3962 -3664
Gas: Initial open flow: 35,000 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 335,000 MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 420 psig (surface pressure) after 24 Hours

Second producing formation COMINGILED 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, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:
By:



STAGE		PROPPANT QUALITY	N ₂	FOAM QUALITY	BBLS
1	3962 - 3951	30,000 # 20/40	220,000	75	481
2	3666 - 3664	25,000 # 20/40	187,000	75	431

FORMATION		BOTTOM
GROUND LE	2129	
BIG LIME	1343	1380
INJUN	1601	1680
GORDON	1949	2055
4 TH	2055	2132
5 TH	2132	2817
SPEECHLY	2817	2982
BALLTOWN	2982	3702
RILEY	3702	3986
BENSON	3986	4039
ELK	4802	4820
HAVERTY	5260	5335
TD 5490		

H ₂ O
n/a

GAS CHECKS
n/a



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Joe Manchin III, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.org

April 30, 2009

WELL WORK PERMIT

New Well

This permit, API Well Number: 47-9703646, issued to MOUNTAIN V OIL & GAS, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder; and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: WV0346
Farm Name: HOWELL, RONALD B.
API Well Number: 47-9703646
Permit Type: New Well
Date Issued: 04/30/2009

Promoting a healthy environment.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Mountain V Oil & Gas, Inc. Operator ID County District Quadrangle

97 4 268

2) Operator's Well Number: Howell No.1 / WV0346 Elevation: 1465'

4) Well Type: (a) Oil _____ or Gas X
 (b) If Gas: Production X / _____ / _____
 Deep _____ / _____ / _____ Shallow X

5) Proposed Target Formation(s): Benson

6) Proposed Total Depth: 5485 Feet

7) Approximate fresh water strata depths: 60'

8) Approximate salt water depths: None

9) Approximate coal seam depths: 200'

10) Does land contain coal seams tributary to active mine? No

11) Describe proposed well work To Drill and Stimulate

12) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	9 5/8"			42'	42'	Sand
Fresh Water	7"			1400'	1400'	CTS or 38 CSR 18 - 11.1
Coal						
Intermediate						
Production	4 1/2"			5435'	5435'	CTS or 38 CSR 18 - 11.1
Tubing						
Liners						

BH 4-8-09

Packers: Kind
 33559 Sizes
 650 Depths Set

