

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

API 47 - 013 - 04374 REWORK County CALHOUN District CENTER
Quad SMITHVILLE Pad Name _____ Field/Pool Name _____
Farm name MONA MILLER Well Number DAVID MATHESS #12
Operator (as registered with the OOG) MEGAN OIL AND GAS CO. INC.
Address P. O. BOX 1007 City SPENCER State WV Zip 25276

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 730,340 Easting 1,948,767
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1025' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
NONE

Date permit issued 4/22/2013 Date drilling commenced REWORK Date drilling ceased REWORK
Date completion activities began 6/19/2013 Date completion activities ceased 5/31/2015
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft EXISTING 8 5/8 CTS Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 1695' Void(s) encountered (Y/N) depths _____
Coal depth(s) ft NONE Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) NO

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NO
JUL 06 2015
NO

Reviewed by:
JV 7/25/15
08/14/2015

API 47-013 - 04374 REWORK Farm name MONA MILLER Well number DAVID MATHESS #12

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor							
Surface		8 5/8			28#		YES, CTS
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production		4 1/2			10.5		CTS
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	50/50 POZ	300	14.3	1.29	387	CTS	24
Tubing							

Drillers TD (ft) 2491' Loggers TD (ft) 2491'
 Deepest formation penetrated BEREA Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) _____

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
EXISTING 4 1/2" _____

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

API 47- 013 - 04374 Farm name MONA MILLER Well number DAVID MATHESSE #12

PRODUCING FORMATION(S)	DEPTHS	TVD	MD
INJUN	2,072 - 2,095		
BEREA	2,450 - 2,462		

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 50,000 mcfpd Oil 0 bpd NGL _____ bpd Water 10 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0		0		SEE LOG DATED 1/29/02
SALT SAND	1666	1708			BRINE
SALT SAND	1760	1769			BRINE, GOOD GAS SHOW
SALT SAND	1818	1833			BRINE, GOOD GAS SHOW
MAXON	1872	1890			BRINE, GAS SHOW
INJUN	2071	2094			OIL/GAS
BEREA	2450	2462			OIL/GAS

Please insert additional pages as applicable.

Drilling Contractor WORK OVER - ROY G. HILDRETH & SON, INC.
Address P O BOX 1007 City SPENCER State WV Zip 25276

Logging Company GRAY WIRELINE SERVICE, INC.
Address 6000 WESTERN PLACE, STE. 375 City FORT WORTH State TX Zip 76107

Cementing Company UNIVERSAL & ROY G. HILDRETH & SON, INC
Address P O BOX 200969 City DALLAS State TX Zip 75320

Stimulating Company UNIVERSAL WELL SERVICES, INC.
Address P O BOX 200969 City DALLAS State TX Zip 75320

Please insert additional pages as applicable.

Completed by JON R. HILDRETH, MEGAN OIL & GAS CO., INC. Telephone 304-927-2130
Signature *Jon R. Hildreth* Title PRESIDENT Date 6/23/2015

Submission of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

08/14/2015

WR 34

Revenue and Division Order questions call:
Ergon Oil Purchasing Inc.: 800-278-3364



Dispatch and Trucking questions call:
Oil Haulers LLC: 800-457-6916

Oil Haulers LLC

Crude Purchase Run Ticket Seq. No.: 8817720

Date Reported 5/29/15	Tank No. 5145	ALS —	Truck No. 2005	Gauged Gross Barrels
Date Delivered 5/29/15	Operator Roy G. Hildreth & Son			Gross Barrels (This Ticket)
Gathering Point 888	Farm Name (Origin) Mathess 12			Gross Barrels (Total Load)
Driver/Gauger No. 70701	Driver/Gauger Name Todd Bailey			B.S.W. Barrels (This Ticket)
Terminal No. 4	Dispatcher			Net Barrels (Total Load)

Gauging Data	Feet	Inches	Quarters	Old Seal	Avg. B.S.W. (%)	Avg. Temperature
1st Measurement	Meter					
2nd Measurement	Loaf			New Seal	Tank Size 250	

Field B.S.W. (%)		Ticket Comments: All Brine 79.12 Bbl Brine
Field Temperature		
Odometer Stop		
Odometer Start	69239	
Fuel		

Tank Comments:

Disposing of pit contents. Fresh water brine. (WR 34)

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This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Todd Bailey
Driver's Signature

08/14/2015

WR 34

Revenue and Division Order questions call:
Ergon Oil Purchasing Inc.: 800-278-3364

Dispatch and Trucking questions call:
Oil Haulers LLC: 800-457-6916



Oil Haulers LLC

8817721

Crude Purchase Run Ticket Seq. No.:

Date Reported 5/29/15	Tank No. 5145	ALS —	Truck No. 2005	Gauged Gross Barrels
Date Delivered 5/29/15	Operator Roy G. Hildreth + Son		Gross Barrels (This Ticket)	
Gathering Point 888	Farm Name (Origin) Mathess 12		Gross Barrels (Total Load)	
Driver/Gauger No. 70701	Driver/Gauger Name Todd Bailey		B.S.W. Barrels (This Ticket)	
Terminal No. 4	Dispatcher		Net Barrels (Total Load)	

Gauging Data	Feet	Inches	Quarters	Old Seal	Avg. B.S.W. (%)	Avg. Temperature
1st Measurement	Meter			New Seal	Tank Size 250	
2nd Measurement	Load					

Field B.S.W. (%)	
Field Temperature	
Odometer Stop	
Odometer Start	69252
Fuel	

Ticket Comments:

All Brine
70.95 Bbl Brine

Tank Comments:

Disposing of pit contents. Fresh water
and brine (WR 34)

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Driver's Signature

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MEGAN OIL AND GAS CO., INC.
OIL & GAS OFFICE
LAND DEPARTMENT

758 Arnoldsburg Road • P.O. Box 1007 • Spencer, WV 25276
Phone: (304) 927-2130 • Fax: (304) 927-5933
www.royghildrethandsoninc.com • pattv@royghildrethandsoninc.com



Mona Miller
7463 Truman Ct.
Mentor, OH 44060

July 1, 2015

Re: Surface Owner -Well Completion Report
David Mathess #12 – API# 013-04374

Dear Ms. Miller:

The above well has been reworked and completed. Please find enclosed, for your records, the above well completion reports. If you have any questions, please contact me.

Sincerely,

Jon R. Hildreth
President

JRH:plh
Enclosures

Certified Mail No. 7009-0820-0000-6448-6259

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