

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34055
Name: H & M Petroleum Corporation
Address 1: 13570 Meadowgrass Drive
Address 2: Suite 101
City: Colorado Springs State: CO Zip: 80921 +
Contact Person: Myron Woody or David Allen
Phone: (719) 590-6060
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Richard J. Hall
Purchaser: Coffeyville Resources
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
(Core, WSW, Expl., Cathodic, etc.)

API No. 15 - 065-23578-00-00
Spot Description: _____
SW SE SW Sec. 16 Twp. 7 S. R. 24 East West
178 Feet from North / South Line of Section
1332 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Graham
Lease Name: Bessie May Well #: 2
Field Name: Unknown
Producing Formation: Lansing Kansas City
Elevation: Ground: 2466' Kelly Bushing: 2471'
Total Depth: 4000' Plug Back Total Depth: 3936'
Amount of Surface Pipe Set and Cemented at: 6 jts @263' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2087' Feet
If Alternate II completion, cement circulated from: 2087'
feet depth to: Surface w/ 385 sx cmt.

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
11/13/2009 11/19/2009 11/20/2009
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan Att II NCR 4-9-10
(Data must be collected from the Reserve Pit)
Chloride content: 1000 ppm Fluid volume: 200 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: Office Manager Date: 04/08/2010

Subscribed and sworn to before me this 8 day of April,
20 10.

Notary Public: Jessica A. Lohf
Date Commission Expires: 01/29/2013

JESSICA A. LOHF
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 01/29/2013

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
APR 09 2010

Operator Name: H & M Petroleum Corporation Lease Name: Bessie May Well #: 2
 Sec. 16 Twp. 7 S. R. 24 East West County: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: DI, Sonic, Micro, Neutron/Density Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2154</td> <td>+317</td> </tr> <tr> <td>Topeka</td> <td>3505</td> <td>-1034</td> </tr> <tr> <td>Heebner Shale</td> <td>3710</td> <td>-1239</td> </tr> <tr> <td>Lansing A</td> <td>3752</td> <td>-1281</td> </tr> <tr> <td>Lansing F</td> <td>3819</td> <td>-1348</td> </tr> <tr> <td>Muncie Creek Shale</td> <td>3856</td> <td>-1385</td> </tr> <tr> <td>Lansing J/Base Kansas City</td> <td>3908/3951</td> <td>-1437/-1480</td> </tr> </table>	Name	Top	Datum	Anhydrite	2154	+317	Topeka	3505	-1034	Heebner Shale	3710	-1239	Lansing A	3752	-1281	Lansing F	3819	-1348	Muncie Creek Shale	3856	-1385	Lansing J/Base Kansas City	3908/3951	-1437/-1480
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/2"	8 5/8"	24#	263'	Common	180	4% Gel/6% CC
Production	7 7/8"	5 1/2"	15.5#	3998'	EA-2	125	7% Salt/6% Cal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3909'-3912'	Shot	3912'
4	3874'-3876'	Shot	3876'

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3936'</u> Packer At: <u>3895'</u>		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>02/11/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>13</u> Gas Mcf <u>0</u> Water Bbls. <u>26</u>	Gas-Oil Ratio <u> </u> Gravity <u>32.1</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	RECEIVED KANSAS CORPORATION COMMISSION 3752-3819 APR 09 2010
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SCHIPPERS OIL FIELD SERVICE L.L.C.

407

109 SEC. 16	RANGE/TWP. 7 24	CALLED OUT	ON LOCATION <i>pm</i>	JOB START	JOB FINISH
WELL # 2			COUNTY <i>41</i>	STATE <i>KS</i>	

CONTRACTOR	<i>WV 10</i>		OWNER	<i>HAM</i>	
TYPE OF JOB					
HOLE SIZE	<i>12 1/2</i>	T.D.	<i>263</i>	CEMENT	
CASING SIZE	<i>8 3/4</i>	DEPTH	<i>262</i>	AMOUNT ORDERED	<i>180</i>
TUBING SIZE		DEPTH			
DRILL PIPE	<i>4 1/2</i>	DEPTH			
TOOL		DEPTH			
PRES. MAX		MINIMUM	COMMON	<i>180</i>	<i>@ 14" 260"</i>
DISPLACEMENT	<i>15 1/4</i>	SHOE JOINT	POZMIX		<i>@</i>
CEMENT LEFT IN CSG.			GEL	<i>4</i>	<i>@ 26" 109"</i>
PERFS			CHLORIDE	<i>6</i>	<i>@ 52" 312"</i>
			ASC		<i>@</i>
EQUIPMENT					<i>@</i>
PUMP TRUCK					<i>@</i>
# <i>1</i>					<i>@</i>
BULK TRUCK					<i>@</i>
# <i>1</i>					<i>@</i>
BULK TRUCK					<i>@</i>
#					<i>@</i>
			HANDLING	<i>192</i>	<i>@ 12" 374"</i>
			MILEAGE	<i>31</i>	<i>@ 17" 587"</i>
					TOTAL

REMARKS	SERVICE	<i>Surfline</i>	
<i>Plug down @ 9:30 PM</i>	DEPT OF JOB		<i>@</i>
	PUMP TRUCK CHARGE		<i>@ 950"</i>
	EXTRA FOOTAGE		<i>@</i>
	MILEAGE	<i>31</i>	<i>@ 6" 221"</i>
	MANIFOLD		<i>@ 100"</i>

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CHARGE TO: <i>HAM</i>	APR 09 2010
STREET	STATE
CITY	ZIP

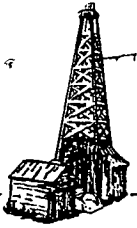
CONSERVATION DIVISION
MICHIGAN, KS

PLUG & FLOAT EQUIPMENT

SWIFT Services, Inc.

Ham Petroleum WELL NO. 2 LEASE BESSIE MAY JOB TYPE 2-STAGE LONGSTRIKES TICKET NO. 16655

START NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0100							ONLOCATION CMT: BOTTOM 125-SEA-2, TOP 260 SMD P.L.O. 4000 SET PIPE @ 378 S. J.P. 25 INSERT 3977 5 1/2 155" D.V. TOULON # 47, 2007 F7 CENT 12, 4, 6, 8, 10, 12, 14, 16, 46 BASKET 47, 23 LIMIT CLAMP, SCRAMMERS 16ea, 80FT
	0230							START C.S. & FLUAT FLOW
	0510							TRUBITEM - DROP BALL
	0515							BREAKING & ROTATE PIPE, 1 HR
	0630	5.0	12		✓		250	START MUD FLUSH 500 GAS
		5	20		✓		5	" HCL FLUSH
		5	30.5		✓		5	" EA-2 CMT
								DROP L.O. PLUG, WASHOUT P.L.
	0640	6.0	0		✓		250	START DISP W/ H2O
			45		✓		400	" " W/ MUD, STOP ROTATING
			85		✓		500	
			90		✓		600	
	0700	4.0	950		✓		1700	LAND PLUG
	0705							RELEASE DRY! DROP D.V. OPENING DART
	0710		7.0		✓			PLUG RH 30SUS
	0720				✓		1200	OPEN D.V. W/ P.T. CIRC 1 HR. W/ RIG
	0815	6.5	20.0		✓		300	START HCL FLUSH
			0		✓		5	" SMD CMT 200SUS @ 11.2
			110		✓		5	" " " 30SUS @ 14.0
			121		✓		5	END CMT
								DROP D.V. CLOSING PLUG
	0837	6.0	0		✓		400	START DISP
		5	20		✓		600	CIRC CMT TO PIT! 50SUS DAVE JELK
	0845	5	49.6		✓		1500	LAND PLUG, CLOSE D.V. Day 1/2
	0830							<div style="text-align: center;"> <p>RECEIVED KANSAS CORPORATION COMMISSION</p> <p>APR 09 2010</p> <p>CONSERVATION DIVISION WICHITA, KS</p> </div> <div style="text-align: right;"> <p>JOB COMPLETE</p> <p>THANK YOU!</p> <p>DAVE, JOSH B, ROB, BLAINE</p> </div>



WHITEHALL EXPLORATION

WELLSITE GEOLOGICAL CONSULTING

GEOLOGICAL ANALYSIS & WELL REPORT

H & M Petroleum Corporation

BESSIE MAY No. 2

178' FSL & 1,332' FWL
~S/2-S/2-S/2-SW
Section 16-Township 7 South-Range 24 West
Graham County, Kansas

December 2, 2009

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WICHITA, KS

GENERAL INFORMATION

Elevation: G.L. 2,466' K.B. 2,471'
All measurements are from K.B.

Field: Wildcat

Drilling Contractor/Rig No.: WW Drilling/Rig 10

Total Depth: RTD: 4,000' LTD: 4,001'

Surface Casing: 8 5/8" @ 263'

Production Casing: 5 1/2" @ 3,998'

Drill Time Kept: 3,450'-4,000' RTD

Samples Examined: 3,500'-4,000' RTD

Geological Supervision: 3,450'-4,000' RTD

Wellsite Geologist: Richard J. Hall
Certified Petroleum Geologist No. 5820

Drill Stem Tests: 1) Lansing "C" Zone - Open hole test
2) Lansing "D"- "F" Zone's - Open hole test
3) Kansas City "I"- "J" Zone's - Open hole test

Mud Company/Mud Type/Engineer: Morgan Mud/Chemical/Dave Lines

Electric Logging Company: Log-Tech

Log Suite: -Dual Induction -Micro Log
-Neutron/Density Porosity -Sonic

Samples: Dry split sent to Kansas Geological Survey Well
Sample Library - Wichita, KS (3,500'-4,000')

Total Depth Formation: Base/Kansas City

Well Status: Production casing set to test the Kansas City "J"
Zone

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WICHITA, KS

DAILY DRILLING CHRONOLOGY

<u>2009</u> <u>Date</u>	<u>7:00 A.M.</u> <u>Depth</u>	<u>24 Hour</u> <u>Footage</u>	<u>7:00 A.M. Operation; 24 Hour Activity</u>
11/13/09	0	0	MIRU; spud @ 4:15 P.M., drilling, circ./jet cellar @ 263', drop dev. survey, TOO H, run 6 jts 8 5/8" surf. csg. set @ 263', cement, WOC 8', drilling.
11/14/09	360'	360'	Drilling ahead; jet, drilling, jet, drilling, jet, drilling.
11/15/09	2,450'	2,090'	Drilling ahead; circ. 15", TOO H for plugged bit @ 2,595', TIH w/collars-break circ.-700 psi PP, TIH w/bit, drilling, jet, drilling, jet/clean suction pit, drilling, jet/displace hole @ 2,713', 30" pump engine repair, drilling, 15" clean pump, drilling, 15" pump repair, drilling, 15" pull pump valves, drilling, 15", pull pump valves, drilling.
11/16/09	3,150'	700'	Drilling ahead, pick up mud pit @ 3,291', drilling, CFS @ 3,785' (75"), short trip 35 stands (2.5').
11/17/09	3,785'	633'	Short trip-TIH; circ. 1', drop dev. survey, TOO H strapping pipe (1.5'), 30" PU test tool, 1.25' TIH, run DST No. 1, TOO H (1.5'), 15" lay down test tool, TIH w/bit (1.25'), drilling, CFS @ 3,803', drilling, CFS @ 3,825', TOO H (1.5'), PU test tool, TIH (1.25'), run DST No. 2, TOO H (1.25'), lay down test tool (15"), TIH w/bit.
11/18/09	3,825'	40'	Tripping in hole w/bit; drilling, jet hole-3,860', drilling, CFS @ 3,884', drilling, CFS @ 3,892', drilling, CFS @ 3,911', TOO H 1.5', PU test tool, TIH 1.25', run DST No. 3, TOO H 1.5', lay down test tool/clean floor 30", TIH w/collars-break circ. 30", TIH w/bit 1.25', pull valves on pump/break circ. 30", drilling, CFS @ 3,926', drilling, CFS @ 3,940', drilling.
11/19/09	4,000'	175'	Drilling ahead; reach 4,000' RTD @ 7:30 A.M., CFS 60", drop dev. survey, TOO H (1.5'), rig up loggers, loggers hit bridge @ 3,567' on first run, rig down loggers, TIH w/bit-ream through bridge, circ. 60", TOO H, rig up loggers, run logs (5.5'), rig down loggers, TIH, circ., TOO H laying down drill pipe, run 5 1/2" prod. csg. set @ 3,998', cement csg. rig released.

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DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation (Degrees)</u>
263'	1.0
3,785'	NA
4,000'	1.0

REFERENCE WELLS

Reference Well "A": H & M Petroleum Corp.
Bessie May No. 1
900' FNL & 1,980' FWL
Section 16-T7S-R24W
Graham County, KS
KB: 2,517'
RTD/LTD: 4,050'
Date Drilled: November 2009
TD Formation: Base/Kansas City
Status: Production casing set - awaiting completion

Reference Well "B": F & M Oil Co. Inc.
Goddard No. 1
SE-NW-NW
Section 21-T7S-R24W
Graham County, KS
KB: 2,468'
LTD: 3,955'
Date Drilled: December 1975
TD Formation: Base/Kansas City
Status: Dry & Abandoned

Reference Well "C": American Energies Corp.
White No. 1
SE-SW-NE
Section 16-T7S-R24W
Graham County, Kansas
KB: 3,502'
LTD: 4,260'
Date Drilled: March 1982
TD Formation: Mississippian
Status: Dry & Abandoned

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FORMATION TOPS

	Bessie May No. 2			Bessie May No. 1	Goddard No. 1	White No.1			
FORMATION	SAMPLE	ELECTRIC LOG		REFERENCE	REFERENCE	REFERENCE	DIFFERENCE TO		
	TOPS	TOPS	DATUM	WELL "A"	WELL "B"	WELL "C"	WELL "A"	WELL "B"	WELL "C"
PERMIAN									
Anhydrite	2154	2154	+317	+300	+322	+294	+17	-5	+23
PENNSYLVANIAN									
Topeka	3507	3505	-1034	-1043	-1032	NA	+9	-2	NA
Heebner Shale	3710	3710	-1239	-1244	-1237	-1247	+5	-2	+8
Lansing "A"	3749	3752	-1281	-1284	-1279	-1288	+3	-2	+7
Lansing "F"	3819	3819	-1348	-1353	NDE	-1352	+5	--	+4
Muncie Creek Shale	3851	3856	-1385	-1388	NDE	-1390	+3	--	+5
Lansing "J"	3905	3908	-1437	-1439	NDE	-1438	+2	--	+1
Base/Kansas City	3950	3951	-1480	-1482	NDE	-1482	+2	--	+2

NA = Not Available
 NDE = Not Deep Enough

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ZONES OF INTEREST

<u>Formation</u>	<u>Log Depth</u>	<u>Lithologic & Show Descriptions, Remarks</u>
Lansing "C"	3,779'-3,788'	<p>Limestone, buff-tan, light gray, some fine crystalline to mostly very fine crystalline, hard, very oolitic, good vug development in part, very calcitic, moderately chalky with abundant off-white fine crystalline chalk pieces, fair-good inter-crystalline porosity, VERY GOOD SHOW: very good spotty-uneven bright yellow/green fluorescence, uneven very dark brown oil stain, excellent show free dark brown oil droplets on break, bleeding oil and gas bubbles, very good fast yellow/white streaming cut, very good milky cut and bright-dull yellow residual dried halo cut.</p> <p>This formation was isolated on DST No. 1 and recovered 215 feet of mud cut water with trace oil (10% mud, 90% water), with shut in pressures of 1,259-1,244 p.s.i.</p> <p>Log-Tech logs show this reservoir has a very clean very gamma ray, good SP development, 6-10% density porosity, maximum 6.5% neutron porosity, 5.5-7% sonic porosity, 4 feet of microlog development, and has a maximum 18 ohms deep resistivity.</p>
Lansing "F"	3,819'-3,827'	<p>Limestone, off white-light gray, fine in part-very fine crystalline, hard, scattered micro-pyrite inclusions, scattered fossil fragments, slightly-moderately chalky, oolitic in part with intermediate vug development, good in part vug porosity and intermediate inter-crystalline porosity, GOOD SHOW: fair pale yellowish fluorescence, uneven medium brown oil stain, good show free medium brown oil droplets on break, intermediate white streaming cut, good dried yellow residual halo cut.</p> <p>The Lansing "F" Zone was included on DST No. 2 with the Lansing "E" Zone and recovered 0.5 foot of oil (2% gas, 98% oil) and 123 feet of slightly oil cut watery mud (1% oil, 45% water, 54% mud), with shut in pressures of 1,248-1,248 p.s.i.</p> <p>Log-Tech logs show the this zone has a very clean gamma ray, excellent SP development, maximum 8-18% neutron porosity, 9-13% density</p>

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WICHITA, KS

porosity, 8-13% sonic porosity, 5 feet of excellent microlog development, and is wet with a maximum 5 ohms deep resistivity.

Kansas City "J" 3,908'-3,914'

Limestone, off white-light gray, good fine crystalline slightly chalky grainstone, firm, scattered vug and medium-good inter-crystalline porosity; buff, fine-predominately very fine crystalline, firm to hard, very fossiliferous, some fossil fragments, oolitic in part, calcitic, scattered minor glauconite, predominately fair-good in part inter-crystalline porosity, VERY GOOD SHOW: fair dull fluorescence, good spotty-uneven dark brown oil stain, very good show free light brown oil droplets on break, some bleeding oil, very good bright milky cut, very good yellow residual dried halo cut.

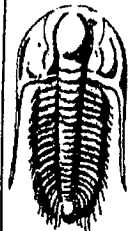
The Kansas "J" Zone was included on DST No. 3 with the Kansas City "I" Zone and recovered 230 feet of gas in pipe and 210 feet of fluid consisting of: 70 feet of clean oil (5% gas, 95% oil) and 140 feet of gassy oil cut mud (13% gas, 37% oil, 50% mud) with shut in pressures of 1,031-1,153 p.s.i.

Log-Tech logs show this formation has a very very clean gamma ray, good SP development, maximum 13% neutron porosity, maximum 10.5% density porosity, maximum 9% sonic porosity, 4 total feet of microlog development and has 30 ohms deep resistivity.

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H & M Petroleum Corporation

13570 Meadowgrass Dr.
Suite 101
Colorado Springs, CO 80921
ATTN: Rick Hall

Bessie May #2

16/7s/24w Graham KS

Job Ticket: 35600

DST#: 1

Test Start: 2009.11.17 @ 10:04:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: **11:45:00**

Time Test Ended: **16:37:00**

Test Type: **Conventional Bottom Hole**

Tester: **James Winder**

Unit No: **46**

Interval: **3764.00 ft (KB) To 3785.00 ft (KB) (TVD)**

Total Depth: **3785.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2471.00 ft (KB)**

2466.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8366

Inside

Press@RunDepth: **118.16 psig @ 3765.00 ft (KB)**

Start Date: **2009.11.17**

End Date: **2009.11.17**

Start Time: **10:04:00**

End Time: **16:37:00**

Capacity: **8000.00 psig**

Last Calib.: **2009.11.17**

Time On Btm: **2009.11.17 @ 11:42:30**

Time Off Btm: **2009.11.17 @ 15:04:00**

TEST COMMENT:

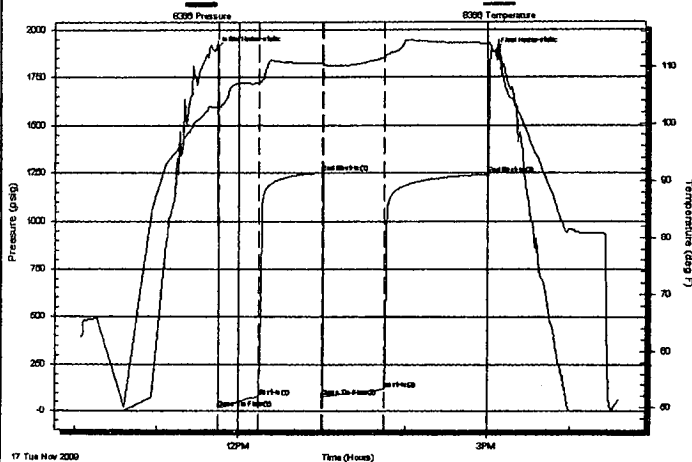
IF: Blow built to 7"

IS: Bled off, Surface blow back off/on from 25 min. until open

FF: Blow built to 9"

FSI: Bled off, Surface blow back off/on from 15 min. until end

Pressure vs. Time



PRESSURE SUMMARY

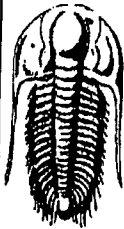
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1889.96	102.80	Initial Hydro-static
3	15.55	102.39	Open To Flow (1)
32	77.41	107.03	Shut-in(1)
78	1253.41	110.58	End Shut-in(1)
79	79.97	110.09	Open To Flow (2)
123	118.16	111.56	Shut-in(2)
198	1244.09	113.90	End Shut-in(2)
202	1883.18	112.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
215.00	MCW w/trace oil 90%w, 10%m	1.89
0.00	RW = .169 ohms @ 61 deg F	0.00
0.00	Chlorides = 52,000 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H & M Petroleum Corporation

Bessie May #2

13570 Meadow grass Dr.
Suite 101
Colorado Springs, CO 80921
ATTN: Rick Hall

16/7s/24w Graham KS

Job Ticket: 35626 **DST#: 2**

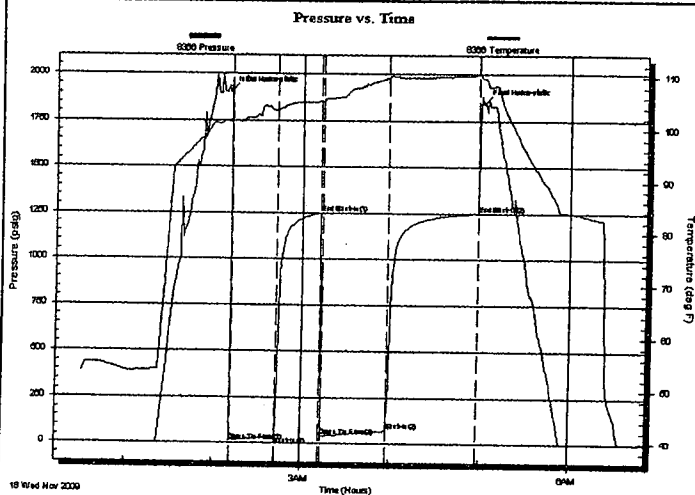
Test Start: 2009.11.18 @ 00:30:00

GENERAL INFORMATION:

Formation: **LKC "D - F"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 02:12:00
 Tester: James Winder
 Time Test Ended: 06:34:30
 Unit No: 46
 Interval: **3799.00 ft (KB) To 3825.00 ft (KB) (TVD)**
 Reference Elevations: 2471.00 ft (KB)
 Total Depth: 3825.00 ft (KB) (TVD)
 2466.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8366 Inside
 Press@RunDepth: 72.76 psig @ 3800.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2009.11.18 End Date: 2009.11.18 Last Calib.: 2009.11.18
 Start Time: 00:30:00 End Time: 06:34:30 Time On Btm: 2009.11.18 @ 02:11:00
 Time Off Btm: 2009.11.18 @ 05:01:30

TEST COMMENT: IF: Blow built to 2 1/2"
 IS: Bled off, No blow back
 FF: Blow built to 2 1/2"
 FS: Bled off, No blow back



PRESSURE SUMMARY

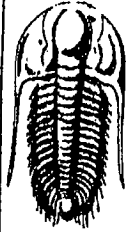
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.58	101.51	Initial Hydro-static
1	14.71	101.29	Open To Flow (1)
32	38.34	103.62	Shut-in (1)
61	1247.55	105.28	End Shut-in (1)
63	42.53	105.26	Open To Flow (2)
106	72.76	109.73	Shut-in (2)
167	1248.49	110.27	End Shut-in (2)
171	1847.31	109.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.50	Oil 98%o, 2%g	0.00
123.00	SOCWM 54%o, 45%w, 1%g	0.60
0.00	RW = .525 ohms @ 34 deg F	0.00
0.00	Chlorides = 35,000 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H & M Petroleum Corporation
13570 Meadow grass Dr.
Suite 101
Colorado Springs, CO 80921
ATTN: Rick Hall

Bessie May #2
16/7s/24w Graham KS
Job Ticket: 35627 DST#: 3
Test Start: 2009.11.18 @ 16:38:00

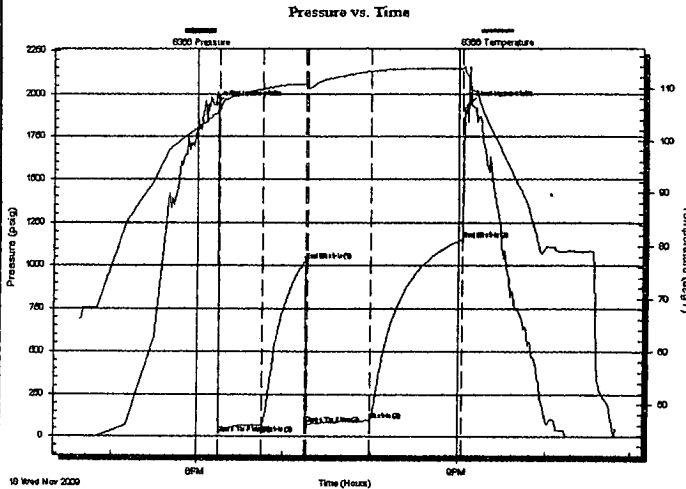
GENERAL INFORMATION:

Formation: **LKC "I - J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:15:00
Time Test Ended: 22:49:30
Test Type: Conventional Bottom Hole
Tester: James Winder
Unit No: 46
Interval: **3878.00 ft (KB) To 3911.00 ft (KB) (TVD)**
Reference Elevations: 2471.00 ft (KB)
Total Depth: 3911.00 ft (KB) (TVD) 2466.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8366 Inside
Press@RunDepth: 95.95 psig @ 3879.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2009.11.18 End Date: 2009.11.18 Last Calib.: 2009.11.18
Start Time: 16:38:00 End Time: 22:49:30 Time On Btm: 2009.11.18 @ 18:12:30
Time Off Btm: 2009.11.18 @ 21:06:00

TEST COMMENT: IF: Blow built to BOB in 25 min.
IS: Bled off, Occasional surface blow back
FF: Blow built to BOB in 21 min.
FS: Bled off, Blow back built to 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1934.36	105.06	Initial Hydro-static
3	22.09	105.83	Open To Flow (1)
33	71.05	109.82	Shut-in(1)
63	1030.69	110.74	End Shut-in(1)
64	74.89	109.94	Open To Flow (2)
107	95.95	113.02	Shut-in(2)
170	1153.43	113.57	End Shut-in(2)
174	1933.54	112.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	GOCM 50% m, 37% o, 13% g	0.83
70.00	CO 95% o, 5% g	0.98
0.00	GIP = 230'	0.00
0.00	35.4 api @ 54 deg F	0.00
0.00	Corrected Gravity = 36 api	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

SUMMARY

The Bessie May No. 2 location was based on extensive interpretation of the Bessie May Prospect 3-D seismic survey which indicated this location as having both a positive structural position relative to the surrounding well control and having zone's within the Lansing/Kansas City Group with reservoir development as determined through Prism Seismic's high resolution seismic inversion and fracture modeling.

The Bessie May No. 2 is structurally high relative to Reference Well "A"/H & M Petroleum Bessie May No. 1 (S/2-NE-NW-Section 16-T7S-R24W), but slightly structurally low relative to Reference Well "B"/F & M Oil Goddard No.1 (SE-NW-NW-Section 21-T7S-R24W). Reservoir development consisting of good porosity and permeability/microlog development is present in the Lansing "C" and "F" Zone's and the Kansas City "J" Zone as confirmed through drill stem test's (fluid recoveries and pressures) and logs (neutron, density and sonic porosity and microlog).

The Bessie May No. 2 well is located approximately 9 miles west and 5 miles north of Hill City, Kansas in northwest Graham County, Kansas.

The primary objectives in the Bessie May No. 2 included the Lansing "C" and "F" Zone's and the Kansas City "J" and "K" Zone's. Secondary objectives included the Lansing "A", "D", and "E" Zone's and the Kansas City "H", "I" and "L" Zone's.

Three (3) open hole drill stem test's were run in the Bessie May No. 2. DST No. 1 isolated the Lansing "C" Zone recovering 215 feet of mud cut water with a trace of oil (SIP's of 1,253-1,244 p.s.i.), DST No. 2 covered the Lansing "D-F" Zone's recovering 0.5 foot of oil and 123 feet of slightly oil cut watery mud (SIP's of 1,248-1,248 p.s.i.), and DST No. 3 covered the Kansas City "I"- "J" Zone's and recovered 230 feet of gas in pipe and 210 feet of fluid consisting of 70 feet of clean oil and 140 feet of gassy oil cut mud (SIP's of 1,031-1,153 p.s.i.).

The Bessie May No. 2 well was spudded on November 13, 2009, and production casing was set on November 19, 2009. No significant drilling problems were encountered during the drilling of this well.

The well was under 24-hour geological supervision from 3,450 feet to 4,000 feet RTD. Wet and dry drilling samples were caught by the drilling crews from 3,500 feet to 4,000 feet RTD at 10-foot intervals. All lithologic descriptions were lagged to true depth by the consulting wellsite geologist.

Hydrocarbon Shows

Numerous significant free oil sample shows were observed and recorded in the samples during the drilling of the Bessie May No. 2 in the primary and secondary objective Lansing/Kansas City Group:

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- Lansing "C" Zone: Very Good Show: very good spotty-uneven bright yellow/green fluorescence, uneven very dark brown oil stain, excellent show free dark brown oil droplets on break, bleeding oil and gas bubbles, very good fast yellow/white streaming cut, very good milky cut and bright-dull yellow residual dried halo cut (isolated on DST No. 1)
- Lansing "D" Zone: Very Good Show: fair moderately bright fluorescence, spotty dark brown oil stain, (no show free oil), good yellow/white streaming cut grading to good milky cut, very good bright yellow dried residual cut (included on DST No. 2)
- Lansing "F" Zone: Good Show: fair pale yellowish fluorescence, uneven medium brown oil stain, good show free medium brown oil droplets on break, intermediate white streaming cut, good dried yellow residual halo cut (covered on DST No. 2)
- Kansas City "H" Zone: Fair Show: scattered medium brown oil stain, fair show free brown show free oil, very slow cut grading to good milky cut, medium streaming cut, good yellow residual dried halo cut (was not drill stem tested)
- Kansas City "J" Zone: Very Good Show: fair dull fluorescence, good spotty-uneven dark brown oil stain, very good show free light brown oil droplets on break, some bleeding oil, very good bright milky cut, very good yellow residual dried halo cut (covered on DST No. 3)
- Kansas City "K" Zone: Good Show: fair dull yellowish fluorescence, uneven-mostly even dark brown oil stain, bleeding oil droplets, very good show free brown oil droplets, good fast milky cut, good dull-bright yellow

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residual dried halo cut (was not drill stem tested)

There were no observed sample hydrocarbon shows recorded in the Topeka or Toronto Formation's, the Lansing "A" or "E" Zone's, or the Kansas City "I" and "L" Zone's.

Complete lithologic descriptions and hydrocarbon sample shows can be found in the detailed "Zones of Interest" portion of this geologic report. Complete Drill Stem Test fluid recovery results and pressures can be found in this report under "Drill Stem Tests".

Structural Position

The Bessie May No. 2 well runs structurally high in relation to Reference Well "A", slightly-moderately structurally low in relation to Reference Well "B", and structurally high in relation to Reference Well "C".

Compared to Reference Well "A"/H & M Petroleum Bessie May No. 1 (S/2-NE-NW-Section 16-T7S-R24W), the Bessie May No. 2 runs: +17 feet high at the Stone Corral Anhydrite, +9 feet high at the Topeka, +5 feet high at the Heebner Shale, +3 feet high at the Top/Lansing "A", +2 feet high at the Kansas City "J" Zone, and +2 feet high at the Base/Kansas City.

Compared to Reference Well "B"/F & M Oil Goddard No. 1 (SE-NW-NW-Section 21-T7S-R24W), the Bessie May No. 2 runs: -5 feet low at the Stone Corral Anhydrite, -2 feet low at the Topeka, -2 feet low at the Heebner Shale, and -2 feet low at the Top/Lansing "A". (This well reached total depth in the Upper Lansing.)

Compared to Reference Well "C"/American Energies Corp. White No. 1 (SE-SW-NE-Section 16-T7S-R24W), the Bessie May No. 2 runs: +23 feet high at the Stone Corral Anhydrite, +8 feet high at the Heebner Shale, +7 feet high at the Top/Lansing "A", +1 feet high at the Kansas City "J" Zone, and +2 feet high at the Base/Kansas City.

A complete structural comparison of the Formation Tops in this well, in relation to the Reference Wells, can be found in the detailed "Formation Tops" table in this geologic report.

Conclusion

The Bessie May No.2 test well location was determined through a 3-D seismic survey which indicated this well would be located on a structurally high closure relative to the surrounding well control and would have quality reservoir development as determined through high resolution seismic inversion and fracture modeling.

After drilling and confirmed through logs, the structural position of the primary and secondary objective Lansing/Kansas City Group in the Bessie May No. 2 is approximately structurally flat (slightly structurally high to slightly structurally low) in relation to the three Reference Well's used for correlation in this report. Although significantly high structure was not confirmed in this well,

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several well developed porous and permeable reservoirs were encountered in the Lansing "C" and "F" Zone's and the Kansas City "J" Zone, as confirmed through drill stem test's, and in the Kansas City "K" Zone as confirmed through logs.

The Kansas City "J" Zone appears to have commercial oil production potential based on the fluid and pressure recovery of DST No. 3, recovering 230 feet of gas in pipe, 70 feet of clean oil and 140 feet of gassy oil cut mud with shut in pressures of 1,031-1,153 p.s.i.

Therefore, based primarily on the oil and gas recovery results from the Kansas City "J" Zone (DST No. 3) and the associated very good free oil sample shows and Log-Tech logs confirming well developed porosity and permeability (microlog) reservoir development, 5 1/2" production casing was set in the Bessie May No. 2 in order to test the commercial oil production potential of the Kansas City "J" Zone.

Respectfully Submitted,



Richard J. Hall

Certified Petroleum Geologist No. 5820

Whitehall Exploration



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