KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

15-065-23702-00-00

OPERATOR: License # 34055
Name: H & M Petroleum Cororation
Address 1: 13570 Meadowgrass Drive, Ste 101
Address 2:
City: Colorado Springs State: Co Zip: 80921 + ____
Contact Person: Shane Boillot
Phone: (719) 590-6060
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Randy Sey
Purchaser: None

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
- ☐ Gas ☑ D&A ☐ ENHR ☐ SIGW
- ☐ OG ☐ GSW ☐ Temp. Abd.
- ☐ CM (Coal Bed Methane)
- ☐ Cathodic ☐ Other (Core, Expl., etc.): ____

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
- ☐ Conv. to GSW
- ☐ Plug Back: ____ Plug Back Total Depth
- ☐ Commingled Permit #: ____
- ☐ Dual Completion Permit #: ____
- ☐ SWD Permit #: ____
- ☐ ENHR Permit #: ____
- ☐ GSW Permit #: ____

11/22/2010	11/30/2010	12/01/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - ~~065-23702-00-00~~ ____

Spot Description: ____
__ - NW - NW - SE Sec. 30 Twp. 9 S. R. 24 ☐ East ☑ West
2,310 Feet from ☐ North / ☑ South Line of Section
2,310 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

County: Graham
Lease Name: Betty Thunder Well #: 3
Field Name: Dreiling
Producing Formation: None
Elevation: Ground: 2569 Kelly Bushing: 2574
Total Depth: 4190 Plug Back Total Depth: ____
Amount of Surface Pipe Set and Cemented at: 233 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: ____ Feet
If Alternate II completion, cement circulated from: ____
feet depth to: ____ w/ ____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 8900 ppm Fluid volume: 800 bbls
Dewatering method used: Air Dry - Back Fill

Location of fluid disposal if hauled offsite:

Operator Name: ____
Lease Name: ____ License #: ____
Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West
County: ____ Permit #: ____

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Shane Boillot
Title: LAND MGR. Date: 1-20-11

KCC Office Use ONLY

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WICHITA, KS

- ☐ Letter of Confidentiality Received
  Date: ____
- ☐ Confidential Release Date: ____
- ☑ Wireline Log Received
- ☑ Geologist Report Received
- ☐ UIC Distribution
  ALT ☐ I ☑ II ☐ III Approved by: RJA DG Date: 1/27/11

Side Two

Operator Name: H & M Petroleum Cororation Lease Name: Betty Thunder Well #: 3

Sec. 30 Twp. 9 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☐ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

CASING RECORD ☐ New ☐ 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 1/4	8 5/8	20	233	Common	165	3% cc - 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives

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

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WICHITA, KS

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other (Specify)

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSOLIDATED
Oil Well Services, LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 24497
LOCATION Oakley KS
FOREMAN Pat Leisler

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-22-10	3655	Betty Thunder #3	30	9S	24W	Graham

CUSTOMER: H+M Petroleum Corp
MAILING ADDRESS: 13570 Meadow Grass Dr. Ste 101
CITY: Colorado Springs | STATE: Colo | ZIP CODE: 80921

WID JG MS

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Miles S.		
439	Josh G.		

JOB TYPE Surface-O | HOLE SIZE 12¼ | HOLE DEPTH 234' | CASING SIZE & WEIGHT 8⅝ 23#
CASING DEPTH 234' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 15' +/-
DISPLACEMENT 13½ | DISPLACEMENT PSI | MIX PSI | RATE 5 BPM

REMARKS: Safety meeting, Rig up to casing, circ mixed 165 sks Cmt, 3%CC-2%Gel, Displaced 13½ BBL H2O. Shut in

Cement Did Circ.

Thank You
Pat + Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	985.00	985.00
5406	40	MILEAGE	4.50	180.00
1104 S	165 SKs	Class A Cement	16.00	2,640.00
1102	465#	Calcium Chloride	.88	409.20
1118B	310#	Bentonite Gel	.20	62.00
5407A	7.76	Ton Mileage Delivery	1.50	465.60
				4,741.80
		Less 15% Disc.	-	711.27
				4,030.53
			SALES TAX	234.89
			ESTIMATED TOTAL	4265.42

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CONSERVATION DIVISION
WICHITA, KS

238232

Ravin 3737

AUTHORIZTION Mark Biggs TITLE Toolpusher DATE 11-22-10

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 28685
LOCATION Oakley Ks
FOREMAN Walt Dinkel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-30-10	3655	Betty Thunder #3	30	9s	24w	Graham

CUSTOMER: H&M Petroleum Corp
MAILING ADDRESS: 13570 Meadowgrass Dr. Ste 101
CITY: Colorado Springs STATE: Colo ZIP CODE: 80921

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Chad S.		
439	Josh G		

JOB TYPE PTA-D HOLE SIZE 7 7/8 HOLE DEPTH 4190' CASING SIZE & WEIGHT
CASING DEPTH DRILL PIPE 4 1/2 XH-2250 TUBING OTHER
SLURRY WEIGHT 12.8 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING
DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting, Plug as ordered

25 sks @ 2250'
100 sks @ 1390' 205 sks 60/40 poz, 4% Gel, 1/4# Flo-Seal
40 sks @ 285'
10 sks @ 40'
30 sks in R.H.

Thank You
Walt & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1,200.00	1,200.00
5406	40	MILEAGE	4.50	180.00
1131	205 sks	60/40 poz	13.00	2,665.00
1118B	704 #	Bentonite Gel	.20	140.80
1107	51 #	Flo-Seal	2.50	127.50
5407A	8.82	Ton Mileage Delivery	1.50	529.20
				4,842.50
		Less 15% Disc		- 726.38
				4,116.12
			SALES TAX	221.47
			ESTIMATED TOTAL	4337.59

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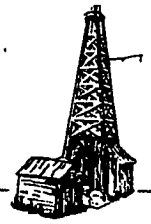
KANSAS CORPORATION COMMISSION
JAN 26 2011
CONSERVATION DIVISION
WICHITA, KS

238341

Ravin 3737

AUTHORIZTION Mark Biggs TITLE Tool Pusher DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for



WHITEHALL EXPLORATION

WELLSITE GEOLOGICAL CONSULTING

GEOLOGICAL ANALYSIS & WELL REPORT

H & M Petroleum Corporation

BETTY THUNDER No. 3

2,310' FSL & 2,310' FEL
C-NW-NW-SE
Section 30-Township 9 South-Range 24 West
Graham County, Kansas

December 6, 2010

87 DeFrance Way • Golden, Colorado 80401 • (303) 279-6894

GENERAL INFORMATION

Elevation:	G.L. 2,569' K.B. 2,574' All measurements are from K.B.
Field:	Dreil
Drilling Contractor/Rig No.:	WW Drilling/Rig 6
Total Depth:	RTD: 4,190' LTD: 4,186'
Surface Casing:	8 5/8" set @ 233'
Production Casing:	None
Drill Time Kept:	3,600'-4,190' RTD
Samples Examined:	3,630'-4,190' RTD
Geological Supervision:	3,600'-4,190' RTD
Wellsite Geologist:	Randy Say Consulting Wellsite Geologist - Arvada, CO
Drill Stem Tests:	1) Lansing "A"-"C" Zone's - Open hole test 2) Lansing "D" Zone - Open hole test 3) Lansing "F" Zone - Open hole test 4) Kansas City "H"-"J" Zone's - Open hole test 5) Kansas City "K"-"L" Zone's - Open hole test
Mud Company/Mud Type/Engineer:	Morgan Mud/Chemical/Dave Lines
Electric Logging Company:	Log-Tech
Log Suite Run:	-Dual Induction -Neutron/Density Porosity
Samples:	Not Kept
Total Depth Formation:	Base/Kansas City
Well Status:	Plugged & Abandoned

DAILY DRILLING CHRONOLOGY

2010 Date	7:00 A.M. Depth	24 Hour Footage	7:00 A.M. Operation; 24 Hour Activity
11/22/10	0	0	MIRU; spud @ 3:15 P.M., drilling to 234', circ., dev. survey, TOOH, run 5 jts of 8 5/8" surf. csg set @ 233', cement csg. w/165 sx–plug down @ 7:15 P.M., WOC 8', drill out cement plug, drilling.
11/23/10	690'	690'	Drilling ahead; jet, drilling, jet, drilling, jet, drilling, jet, drilling, jet, drilling.
11/24/10	2,554'	1,864'	Drilling ahead; jet, drilling, displace hole/mud up @ 2,973' (660 bbls), drilling.
11/25/10	3,315'	761'	Drilling ahead; drilling.
11/26/10	3,770'	455'	Drilling ahead; CFS @ 3,877', drilling, CFS @ 3,942', short trip 28 stands (2.5 hrs), short trip 45 stands (3.5 hrs), circ. 60", drop dev. survey, TOOH strapping pipe (2.77' long), pick up test tool, TIH, run DST No. 1.
11/27/10	3,942'	172'	Running DST No. 1; TOOH, lay down test tool, TIH w/bit, circ. 60", drilling, CFS @ 3,954', TOOH, pick up test tool, TIH, run DST No. 2, TOOH, lay down test tool, TIH w/bit, drilling, CFS @ 3,997', TOOH, pick up test tool, TIH, run DST No. 3.
11/28/10	3,997'	55'	Running DST No. 3; TOOH, lay down test tool, TIH w/bit, drilling, CFS @ 4, , drilling, CFS @ 4,094', TOOH, pick up test tool, TIH, run DST No. 4.
11/29/10	4,094'	97'	Running DST No. 4; TOOH, lay down test tool, TIH w/bit, drilling, CFS @ 4,1 ', drilling, CFS @ 4,134', TOOH, pick up test tool, TIH, run DST No. 5, TOOH, lay down test tool, TIH w/bit, drilling.
11/30/10	4,185'	91'	Drilling ahead; reach 4,190' RTD, circ. 1', drop dev survey, TOOH for logs, rig up and run Log-Tech logs (3.5 hrs)-hit bridge on 2nd (microlog) log run-terminate logging, rig down loggers, TIH, TOOH laying down drill pipe & plug hole, set cement plugs @ 2,250', 1,390' and 285', plug rat hole – plug

			down @11:30 P.M. by Consolidated, rig released @ 1:30 AM 12/1/10.
12/01/10	4,190'	5'	Done.

DEVIATION SURVEYS

Depth	Deviation (Degrees)
234'	0.5
3,942'	1.5
4,190'	1.0

REFERENCE WELLS

Reference Well "A":

Dreiling Oil
Beiker No. 1
SE-SW-SE
Section 30-T9S-R24W
Graham County, Kansas
KB: 2,257'
LTD: 4,126'
Date Drilled: May, 1971
TD Formation: Base/Kansas City
Status: Plugged & Abandoned Kansas City "I" & "K" Zone's oil well

Reference Well "B":

H & M Petroleum Corp.
Betty Thunder No. 2
NE-NE-SE
Section 30-T9S-R24W
Graham County, Kansas
KB: 2,569'
LTD: 4,185'
Date Drilled: October, 2010
TD Formation: Base/Kansas
Status: Production casing set, waiting on LKC Group completion

Reference Well "C":

Murfin Drilling Co.
Engelbert No. 1
NW-NW-NE
Section 30-T9S-R24W
Graham County, Kansas
KB: 2,571'
RTD: 4,150'
Date Drilled: August, 1957
TD Formation: Base/Kansas City
Status: Dry & Abandoned

FORMATION TOPS

	BETTY THUNDER No. 3			Beiker No. 1	Betty Thunder No. 2	Engelbert No. 1			
FORMATION	SAMPLE	LOG		REFERENCE	REFERENCE	REFERENCE	DIFFERENCE TO		
	TOPS	**TOPS**	**DATUM**	WELL "A"	WELL "B"	WELL "C"	WELL "A"	WELL "B"	WELL "C"
PERMIAN									
Stone Corral Anhydrite	2230	**2228**	**+346**	+335	+334	+350	+11	+12	-4
PENNSYLVANIAN									
Topeka	3649	**3647**	**-1073**	-1069	-1079	NA	-4	+6	NA
Heebner Shale	3866	**3864**	**-1290**	-1287	-1298	-1296	-3	+8	+6
Lansing "A"	3902	**3898**	**-1324**	-1324	-1334	-1340	Flat	+10	+16
Lansing "D"	3943	**3941**	**-1367**	-1365	-1373	-1379	-2	+6	+12
Lansing "F"	3988	**3986**	**-1412**	-1407	-1419	-1420	-5	+7	+8
Muncie Creek Shale	4033	**4030**	**-1456**	-1447	-1460	-1461	-9	+4	+5
Kansas City "J"	4083	**4082**	**-1508**	-1505	-1515	-1519	-3	+7	+11
Base/Kansas City	4135	**4133**	**-1559**	-1552	-1567	-1565	-7	+8	+6

ZONES OF INTEREST

Formation	Log Depth	Lithologic & Show Descriptions, Remarks
Lansing "D"	3,941'-3,945'	Limestone, white-tan, granular-fine crystalline, friable-firm, mostly fossiliferous, oolitic development with chalky and calcite matrix, slightly cherty, poor to good inter-oolitic matrix porosity and inter-crystalline porosity, INTERMEDIATE SHOW: slight oil odor, bright yellow fluorescence, near saturated oil stain, light brown show live oil, immediate streaming live cut, tan dried residual fluorescence. The Lansing "D" Zone was isolated on DST No. 2 and on a 45 minute total flow period recovered 147 feet of gas in pipe, 5 feet of oil, 31 feet of muddy water with oil spots (15% mud, 85% water), with flow pressures of 42-113 and 132-212 p.s.i. and shut in pressures of 675-670 p.s.i. Log-Tech logs show this zone has a very clean gamma ray signature, good SP development, maximum 12+% neutron porosity, maximum10% density porosity, and has a wet signature with 9-25 ohms deep resistivity over this interval.
Kansas City "J"	4,082'-4,086'	Limestone, tan/brown-light gray, mottled, very fine crystalline, friable-firm, very fossiliferous, some ooitic development with calcite matrix infilling, abundant chalk matrix, poor-fair inter-crystalline porosity, INTERMEDIATE SHOW: slight oil odor, medium yellow fluorescence, saturated brown oil stain, light tan show free oil/break, medium bright yellow immediate streaming live cut, tan dried residual ring fluorescence. This zone was included on DST No. 4 which tested the Kansas City "H"-"J" Zone's and on a 75 minute flow period recovered 157 feet of gas in pipe, 62 feet of slightly oil cut gassy mud (5% gas, 5% oil, 90% mud), and 62 feet of very slightly oil cut mud (2% oil, 98% mud), with flow pressures of 57-72 and 81-88 p.s.i. and shut in pressures of 782-1,217 p.s.i. Log-Tech logs show this zone has a very clean gamma ray signature, intermediate SP development,

		maximum 15% neutron and density shoulder porosity, and has a wet signature with a maximum 14 ohms deep resistivity.
Kansas City "K"	4,100'-4,104'	Limestone, light gray-buff/tan, mottled, very fine-micro crystalline, firm-dense, slightly fossiliferous, cherty, slightly pyritic, some dolomitic with inter-bedded shale stringers, poor-fair granular and inter-crystalline porosity, fine vug porosity, GOOD SHOW: moderate oil odor, medium bright yellow fluorescence, saturated oil stain, live brown oil droplets/show free oil, bright yellow streaming live cut, light tan dried residual ring fluorescence. This zone was not drill stem tested. Log Tech Logs show this zone is well developed with an extremely clean gamma ray signature, poor-fair SP development, maximum 14% neutron porosity, maximum 8.25% density porosity, and has a maximum 20 ohms deep resistivity.

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

H&M Petroleum Corpation

13570 Meadow Grass
Rd ste 101
Colorado Spgs Co 80921
ATTN: Shane Boillot

Betty Thunder #3

30-9s-24w

Job Ticket: 041007 **DST#: 1**

Test Start: 2010.11.27 @ 03:10:25

GENERAL INFORMATION:

Formation: LKC-C
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:40:25
Time Test Ended: 10:09:55

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

Interval: 3930.00 ft (KB) To 3942.00 ft (KB) (TVD)
Total Depth: 3942.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

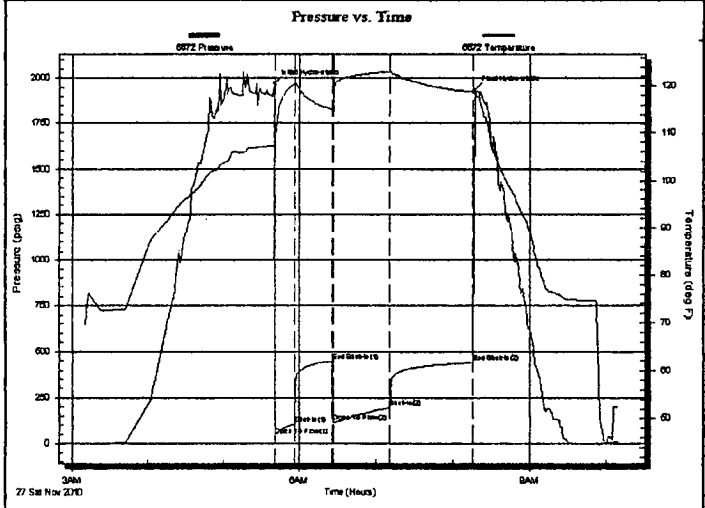
Reference Elevations: 2574.00 ft (KB)
2569.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6672 **Inside**

Press@RunDepth: 196.22 psig @ 3931.00 ft (KB)
Start Date: 2010.11.27 End Date: 2010.11.27
Start Time: 03:10:25 End Time: 10:09:55

Capacity: 8000.00 psig
Last Calib.: 2010.11.27
Time On Btm: 2010.11.27 @ 05:39:55
Time Off Btm: 2010.11.27 @ 08:16:55

TEST COMMENT: IFP-Good blow BOB in 11 1/2 min
ISI-Dead
FFP-Good blow BOB in 16 1/2 min
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1969.50	107.27	Initial Hydro-static
1	41.53	106.89	Open To Flow (1)
15 16	105.30	120.51	Shut-In(1)
30 46	443.85	115.08	End Shut-In(1)
45 47	118.29	117.76	Open To Flow (2)
60 91	196.22	122.90	Shut-In(2)
156	438.72	118.68	End Shut-In(2)
157	1934.80	118.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
378.00	MW20%M80%W	4.17
10.00	MW with oil spots 25%M75%W	0.14

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

H&M Petroleum Corpation

13570 Meadow Grass
Rd ste 101
Colorado Spgs Co 80921
ATTN: Shane Boillot

Betty Thunder #3

30-9s-24w

Job Ticket: 041008 **DST#: 2**

Test Start: 2010.11.27 @ 16:17:59

GENERAL INFORMATION:

Formation: LKC-D
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:10:59
Time Test Ended: 22:47:59

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

Interval: 3944.00 ft (KB) To 3954.00 ft (KB) (TVD)
Total Depth: 3954.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

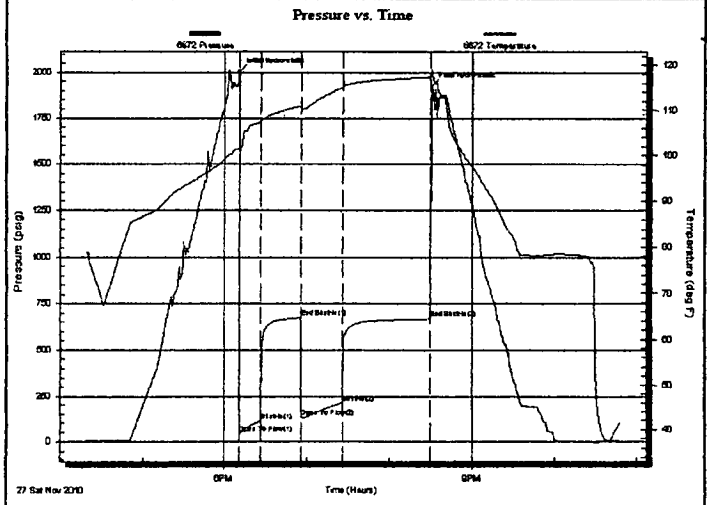
Reference Elevations: 2574.00 ft (KB)
2569.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6672 **Inside**

Press@RunDepth: 212.44 psig @ 3946.00 ft (KB)
Start Date: 2010.11.27 End Date: 2010.11.27
Start Time: 16:17:59 End Time: 22:47:59

Capacity: 8000.00 psig
Last Calib.: 2010.11.27
Time On Btm: 2010.11.27 @ 18:10:29
Time Off Btm: 2010.11.27 @ 20:30:29

TEST COMMENT: IFP-Good blow BOB in 8 min
ISI-Weak blow back built to 1/2 died back to 1/4 in
FFP-Good blow BOB in 10 1/2 min
FSI-Weak blow back built to 1/2 in died back to 1/4 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.07	101.44	Initial Hydro-static
1	42.74	100.40	Open To Flow (1)
15 16	113.22	107.28	Shut-In(1)
30 46	675.95	111.00	End Shut-In(1)
46	132.71	110.73	Open To Flow (2)
30 76	212.44	114.99	Shut-In(2)
60 139	670.33	117.38	End Shut-In(2)
140	1925.63	118.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
376.00	MW20%M80%W	4.14
31.00	MW with oil spots 15%M85%W	0.43
5.00	OIL	0.07
0.00	147 GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

H&M Petroleum Corpation

13570 Meadow Grass Rd ste 101
Colorado Spgs Co 80921
ATTN: Shane Boillot

Betty Thunder #3

30-9s-24w

Job Ticket: 041009 **DST#: 3**

Test Start: 2010.11.28 @ 07:41:28

GENERAL INFORMATION:

Formation: **LKC-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:30:28
Time Test Ended: 14:02:28

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

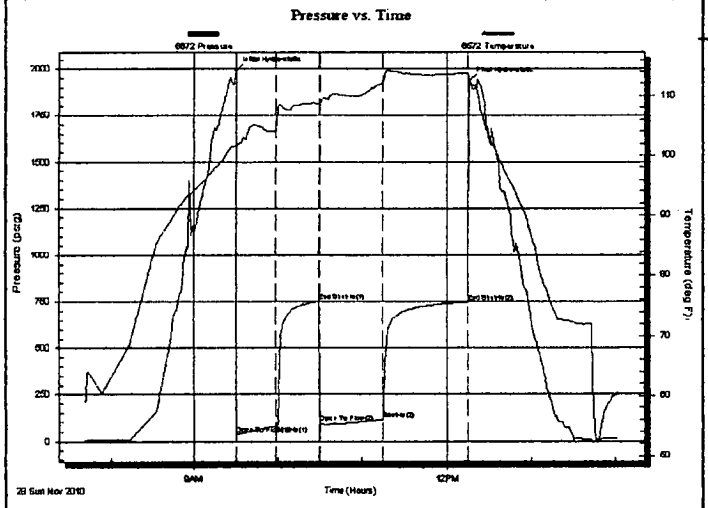
Interval: 3962.00 ft (KB) To 3997.00 ft (KB) (TVD)
Total Depth: 3997.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2574.00 ft (KB)
2569.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6672 **Inside**
Press@RunDepth: 112.60 psig @ 3965.00 ft (KB)
Start Date: 2010.11.28 End Date: 2010.11.28
Start Time: 07:41:28 End Time: 14:02:28

Capacity: 8000.00 psig
Last Calib.: 2010.11.28
Time On Btm: 2010.11.28 @ 09:29:58
Time Off Btm: 2010.11.28 @ 12:15:58

TEST COMMENT: IFP-Fair blow built to 7 in
ISI-Dead no blow back
FFP-Fair blow built to 8 in
FSI-Weak surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1991.64	101.78	Initial Hydro-static
1	36.40	101.36	Open To Flow (1)
30 29	79.09	104.15	Shut-In(1)
30 60	749.60	108.69	End Shut-In(1)
60	96.96	108.74	Open To Flow (2)
45 105	112.60	112.22	Shut-In(2)
60 165	747.37	113.67	End Shut-In(2)
166	1932.71	112.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MW50%M50%W	0.61
78.00	WM5%W95%M	1.09

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

H&M Petroleum Corpation

13570 Meadow Grass Rd ste 101
Colorado Spgs Co 80921
ATTN: Shane Boillot

Betty Thunder #3

30-9s-24w

Job Ticket: 041010 DST#: 4

Test Start: 2010.11.29 @ 05:03:18

GENERAL INFORMATION:

Formation: LKC-H-I-J
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:12:18
Time Test Ended: 11:57:48

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

Interval: 4022.00 ft (KB) To 4094.00 ft (KB) (TVD)
Total Depth: 4094.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

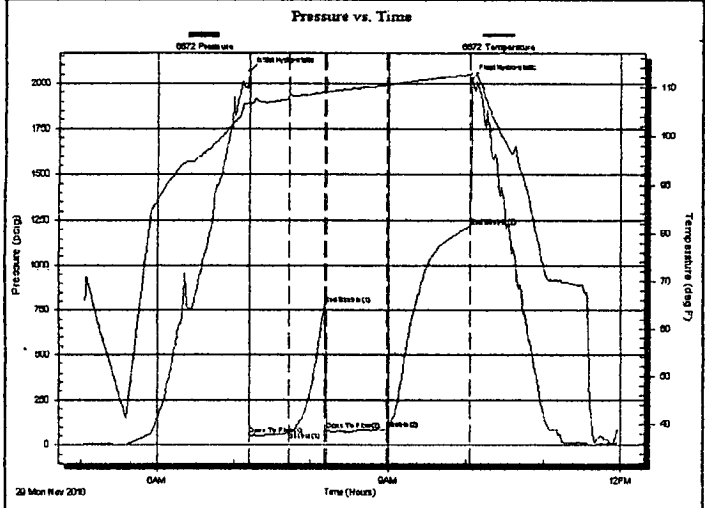
Reference Elevations: 2574.00 ft (KB)
2569.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6672 **Inside**

Press@RunDepth: 88.72 psig @ 4058.00 ft (KB)
Start Date: 2010.11.29 End Date: 2010.11.29
Start Time: 05:03:18 End Time: 11:57:48

Capacity: 8000.00 psig
Last Calib.: 2010.11.29
Time On Btm: 2010.11.29 @ 07:11:48
Time Off Btm: 2010.11.29 @ 10:04:18

TEST COMMENT: IFP-Fair blow built to 5 3/4 in
ISI-Dead no blow back
FFP-Fair blow built to 9 1/2 in
FSI-Dead no blw back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2064.44	106.86	Initial Hydro-static
1	57.87	106.47	Open To Flow (1)
30 31	72.22	108.61	Shut-In(1)
30 59	782.36	109.07	End Shut-In(1)
60	81.01	108.88	Open To Flow (2)
45 107	88.72	110.58	Shut-In(2)
60 171	1217.37	112.64	End Shut-In(2)
173	2025.16	113.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	VSOCM2%O98%M	0.30
62.00	SOCGM5%O5%G90%M	0.30
0.00	157 GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

H&M Petroleum Corpation

13570 Meadow Grass
Rd ste 101
Colorado Spgs Co 80921
ATTN: Shane Boillot

Betty Thunder #3

30-9s-24w

Job Ticket: 041011 **DST#: 5**

Test Start: 2010.11.29 @ 20:35:50

GENERAL INFORMATION:

Formation: LKC-K-L
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:21:50
Time Test Ended: 03:04:50

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

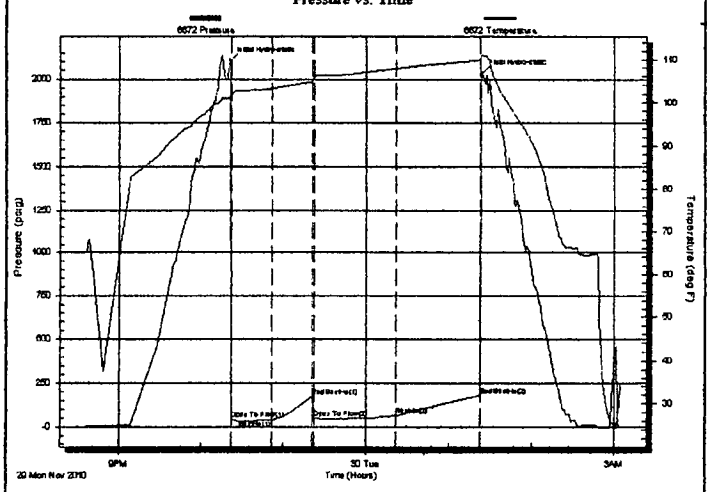
Interval: 4098.00 ft (KB) To 4134.00 ft (KB) (TVD)
Total Depth: 4134.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2574.00 ft (KB)
2569.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6672 **Inside**
Press@RunDepth: 66.51 psig @ 4099.00 ft (KB)
Start Date: 2010.11.29 End Date: 2010.11.30
Start Time: 20:35:50 End Time: 03:04:50

Capacity: 8000.00 psig
Last Calib.: 2010.11.30
Time On Btm: 2010.11.29 @ 22:21:20
Time Off Btm: 2010.11.30 @ 01:23:50

TEST COMMENT: IFP-Fair blow built to 7 1/2 in
ISI-Dead no blow back
FFP-Fair blow built to 5 in
FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.08	101.06	Initial Hydro-static
1	43.80	100.54	Open To Flow (1)
31 (30)	38.92	103.29	Shut-In(1)
60 (30)	171.51	104.85	End Shut-In(1)
61	50.13	105.81	Open To Flow (2)
120 (60)	66.51	107.84	Shut-In(2)
181 (60)	179.91	109.80	End Shut-In(2)
183	2035.64	110.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	HOCGM5%G40%O55%M	0.30
0.00	156 GIP	0.00

Gas Rates

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

SUMMARY

The Betty Thunder Prospect is located in southwestern Graham County, Kansas. Numerous oil fields surrounding the prospect produce high gravity oil from the prolific multiple pay Zone Pennsylvanian aged Lansing/Kansas City Group. These oil fields have cumulatively produced from 269,000 BO to over 1,000,000+BO each.

In the prospect area, 10 out of 11 Lansing/Kansas City Group Zone's have commercial oil production within two miles of the Betty Thunder Prospect. The primary objectives in the Betty Thunder No. 3 test well included the Lansing "C", "D" and "F" Zone's and the Kansas City "I", "J" and "K" Zone's. Secondary objectives included the Lansing "A" and "E" Zone's and the Kansas City "H" and "L" Zone's.

The Betty Thunder Prospect was originally defined through subsurface structure and isopach (thickness) mapping from existing well control. A 2.25 square mile 3-D seismic survey was shot over the Betty Thunder Prospect leasehold which defined several structural features. The Betty Thunder No. 3 well tested a north dipping structural nose connected to the Dreil Field structural closure located in the southern portion of Section 30 and the northern and eastern portions of Section 31-T9S-R24W.

The Betty Thunder No. 3 is located 3/8th's of a mile west of the H & M Petroleum Corp. Betty Thunder No. 2 Lansing/Kansas City Group discovery well, located in the NE-NE-SE-Section 30-T9S-R24W. The 3-D seismic shows that the Betty Thunder No. 2 location and structural closure is separate and is not connected to the Betty Thunder No. 3 well structural feature.

Surrounding wells used for correlation in this report include: Reference Well "A"/Dreiling Oil Beiker No. 1 (SE-SW-SE-Section 30-T9S-R24W); Reference Well "B"/H & M Petroleum Corp. Betty Thunder No. 2 (NW-NW-SE-Section 30-T9S-R24W); and Reference Well "C"/Murfin Drilling Englebert No. 1 (NW-NW-NE-Section 30-T9S-R24W).

The Betty Thunder No. 3 test well is located approximately 10 miles west and 9 miles south of Hill City, Kansas.

Five (5) open hole drill stem test's were run during the drilling of the Betty Thunder No. 3, all based on visual oil shows and associated rate of penetration drilling breaks:

-DST No. 1 tested the Lansing "A"-"C" Zone's and recovered 10 feet of muddy water with oil spots and 378 feet of muddy water with shut in pressures of 443-438 p.s.i.

-DST No. 2 isolated the Lansing "D" Zone and recovered 147 feet of gas in pipe, 5 feet of oil, 31 feet of muddy water with oil spots and 376 feet of muddy water with shut in pressures of 675-670 p.s.i.

-DST No. 3 tested the (Lansing "E" Zone not developed) and "F" Zone's and recovered 78 feet of watery mud and 124 feet of muddy water with shut in pressures of 749-747 p.s.i.

-DST No. 4 tested the Kansas City "H"-"I" Zone's and recovered 157 feet of gas in pipe, 62 feet of slightly oil cut gassy mud (2% oil) with shut in pressures of 782-1,217 p.s.i.

-DST No. 5 tested the Kansas City "K"-"L" Zone's and recovered 156 feet of gas in pipe and 62 feet of heavy oil cut gassy mud (5% gas, 40% oil) with shut in pressures of 171-179 p.s.i.

The Betty Thunder No. 3 well was spuded on November 22, 2010, and after plugging and abandoning the well, the rig was released on December 1, 2010. No significant drilling problems were encountered during the drilling of this well.

The well was under 24-hour geological supervision from 3,600 feet to 4,190 feet RTD. Wet and dry drilling samples were caught by the drilling crews from 3,630 feet to 4,190 feet RTD at 10-foot intervals. All lithologic descriptions were lagged to true depth by the consulting wellsite geologist.

Hydrocarbon Shows

Several significant free live oil sample shows were observed and recorded in the samples during the drilling of the Betty Thunder No. 3 in the primary and secondary objective Lansing/Kansas City Group and include:

-Lansing "C" Zone:	Good Show:	faint oil odor, medium bright yellow fluorescence, near saturated oil stain, live light brown free oil show, oil filled porosity, medium - bright yellow immediate streaming live cut, light tan dried residual ring fluorescence.
-Lansing "D" Zone:	Intermediate Show:	slight oil odor, bright yellow fluorescence, near saturated oil stain, light brown show live oil, immediate streaming live cut, tan dried residual fluorescence.
-Lansing "F" Zone:	Fair Show:	faint oil odor, light yellow fluorescence, mostly even tan-brown oil stain, poor show free oil/break, slow milky crush live cut, very good milky cut.
-Kansas City "H" Zone:	Intermediate Show:	slight oil odor, medium yellow fluorescence, brown oil stain, brown show free oil, medium yellow to milky slow streaming live cut, tan dried residual ring fluorescence.

-Kansas City "I" Zone:	Fair Show:	slight oil odor, medium bright yellow fluorescence, mostly even brown-dark brown oil stain, brown-dark brown show free oil/droplets on break, medium yellow streaming cut, tan dried residual ring fluorescence.
-Kansas City "J" Zone:	Intermediate Show:	slight oil odor, medium yellow fluorescence, saturated brown oil stain, light tan show free oil/break, medium bright yellow immediate streaming live cut, tan dried residual ring fluorescence.
-Kansas City "K" Zone:	Good Show:	moderate oil odor, medium bright yellow fluorescence, saturated oil stain, live brown oil droplets/show free oil, bright yellow streaming live cut, light tan dried residual ring fluorescence.
-Kansas City "L" Zone:	Good Show:	slight oil odor, medium bright yellow fluorescence, saturated brown oil stain, live brown oil droplets/show free oil, immediate bright yellow streaming live cut, light tan dried residual ring fluorescence.

There were no observed sample hydrocarbon shows recorded in the Topeka or Toronto Formation's, and Lansing "A", "E" or "G" 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

As the 3-D seismic interpretation correctly predicted, the Betty Thunder No. 3 runs moderately structurally low throughout the well relative to the Dreil Field located to the south and Reference Well "A", and structurally high relative to Reference Well "B" (Betty Thunder No. 2 oil discovery) and Reference Well "C" (a dry hole).

Compared to Reference Well "A"/Dreiling Oil Beiker No. 1 (SE-SW-SE-Section 30-T9S-R24W), the Betty Thunder No. 3 runs: +11 feet high at the Stone Corral Anhydrite, -3 feet low at the Heebner Shale, flat at the Top/Lansing "A", -9 feet low at the Muncie Creek Shale, -3 feet low at the Kansas City "J" Zone, and -7 feet low at the Base/Kansas City.

Compared to Reference Well "B"/H & M Petroleum Betty Thunder No. 2 (NE-NE-SE-Section 30-T9S-R24W), the Betty Thunder No. 3 runs: +12 feet high at the Stone Corral Anhydrite, +8 feet high at the Heebner Shale, and +10 feet high at the Top/Lansing "A", +4 feet high at the Muncie Creek Shale, +7 feet high at the Kansas City "J" Zone, and +8 feet high at the Base/Kansas City.

Compared to Reference Well "C"/Murfin Drilling Co. Engelbert No. 1 (NW-NW-NE-Section 30-T9S-R24W), the Betty Thunder No. 3 runs: -4 feet low at the Stone Corral Anhydrite, +6 feet high at the Heebner Shale, and +16 feet high at the Top/Lansing "A", +5 feet high at the Muncie Creek Shale, +11 feet high at the Kansas City "J" Zone, and +6 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 Betty Thunder No. 3 wildcat test location was based on a 3-D seismic survey interpretation which indicated a north plunging structural nose related to the Dreil Field structural closure at the Lansing datum. The Betty Thunder No. 3 is predominately moderately structurally low to the Dreil Field and Reference Well "A" (located in the Dreil Field), and structurally high to Reference Well "B" (located on a separate structural feature) and Reference Well "C" (a structurally low dry hole).

Numerous free oil sample shows were observed in the Lansing "C", "D", and "F" Zone's and the Kansas City "H", "I", "J", and "K" Zone's. Based on sample oil shows and associated drilling breaks, five drill stem tests were run in the Lansing/Kansas City Group. Drill Stem Test's No. 1, 2, and 3 all tested wet (muddy water or watery mud), and Drill Stem Test's No. 4 and 5 recovering moderate amounts of oil and gas with mud with associated moderate to poor bottom hole pressures.

Therefore, based predominately on the negative fluid recoveries (water or modest hydrocarbon recoveries with mud) and bottom hole pressure results on the five drill stem tests, the structural position of the primary objective Lansing/Kansas City Group relative to the three Reference Well's as confirmed by Log-Tech logs evaluation and analysis, the Betty Thunder No. 3 test well was plugged and abandoned as a non-commercial dry hole.

Respectfully Submitted,

Richard J. Hall
Certified Petroleum Geologist No. 5820
Whitehall Exploration