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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

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

1/26/13

OPERATOR: License # 34055
Name: H&M PETROLEUM CORPORATION
Address 1: 13507 MEADOWGRASS DRIVE SUITE 120
Address 2: _____
City: COLORADO SPRINGS State: CO Zip: 80921 + _____
Contact Person: SHANE BOILLOT
Phone: (719) 590-6060
CONTRACTOR: License # 33575
Name: WW DRILLING
Wellsite Geologist: RICHARD HALL
Purchaser: COFFEYVILLE RESOURCES

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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 #: _____

10/22/10	10/28/10	10/29/10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23694-00-00

Spot Description: _____
NE NE SE Sec. 30 Twp. 9 S. R. 24 East West
2,310 Feet from North / South Line of Section
330 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 #: 2

Field Name: UNKNOWN

Producing Formation: LANSING

Elevation: Ground: 2564 Kelly Bushing: 2569

Total Depth: 4185 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 5JTS@217' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2191 Feet

If Alternate II completion, cement circulated from: 2191
feet depth to: SURFACE w/ 355 sx cmt.

Drilling Fluid Management Plan

(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 #: _____

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: _____
Title: LAND MGR. Date: 1/25/11

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 1/26/11 - 1/26/13

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NO Date: 2-8-11

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Operator Name: H&M PETROLEUM CORPORATION Lease Name: BETTY THUNDER Well #: 2
 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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ANHYDRITE	2235 +334
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	TOPEKA	3648 -1079
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	HEEBNER	3867 -1298
List All E. Logs Run:		LANSING A	3903 -1334
DI, MICRO, NEUTRON/DENSITY POROSITY		MUNCIE CREEK	4029 -1460
		KC BASE	4136 -1567

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 1/4	8 5/8	23#	217	COMMON	160	3%CC/2%GELL
PRODUCTION	7 7/8	5 1/2	15.5#	4184	COMMON	355	10%SALT, 5% CAL SEAL

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3942-3945	SHOT	3945
4	4102-4106	SHOT	4106
4	4106-4110	SHOT	4110

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TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>4054</u>	Packer At: <u>4054</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>1/7/11</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 Bbbs. <u>50</u>	Gas Mcf <u>0</u>	Water Bbbs. <u>20</u>	Gas-Oil Ratio <u> </u> Gravity <u>35.0</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 <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: <u>4102-4106</u>
<input type="checkbox"/> Other (Specify) _____		



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 18196

CUSTOMER *Hess Petroleum Corp.* WELL *#2 & 4 Thunder* DATE *10-29-10* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M				
325		2				Standard Cement	EA	2	150	SKS	14100	lbs	1200	1800.00
276		2				Flocele			38	lbs			150	57.00
283		2				Salt			250	lbs			15	112.50
284		2				Calceal			705	lbs	175	SKS	3000	210.00
285		2				CFR-1			71	lbs			700	287.00
330		2				SMD Cement			235	SKS	23326	lbs	1500	3525.00
276		2				Flocele			59	lbs			150	88.50
581		2				SERVICE CHARGE			385	SKS Cement			1.50	577.50
583		2				MILEAGE CHARGE			390.49	lbs			1.00	976.23
						TOTAL WEIGHT			390.49	lbs				
						LOADED MILES			50					
						CUBIC FEET			385	SKS				
						TON MILES			976.23					

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CONTINUATION TOTAL 7630.73

JOB LOG

SWIFT Services, Inc.

DATE 10-29-10 PAGE NO. 7

CUSTOMER *Hess Petroleum Corp* WELL NO. #2 LEASE *Betty Thunder* JOB TYPE *Cement 2 stage Logging* TICKET NO. *18196*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0650							TD 4185'
	0740							On location w/ F.E. - wait a welder / scratch start 5 1/2" 15.5 #/ft. casing to 4182'
								Run 100 fts - Ccd. 13-5-7-103-10-12-14-16-18-7
								Insert Float shoe w/ Auto Fall
								L.D. Baffle - 55-23' @ 1159
								Cement Baskets #47 & 78
								D.V. Cedar # 47 @ 2201'
								Drop Killup ball 5 fts out
	0930							Tag early - Hookup Swageloc cir down 1'
	0940							Cir - Remove tags
	0950							Start cir & Rotate casing intermittly
	1015							Fin cir casing - Hook to Top for 1st Stage
		5	12				200	Pump 500 gal Mud Flush
		6	20				250	Pump 20 BBI KCL Flush
		5	4				200	Start 150 SKS EA-2 Cement @ 15.5 #/gal
	1112	5	4	36			var	Fin mix out - Wash out Pump Lines
	1115	8					250	Start Displ - 45 H ₂ O + 54 mud.
		8	80				300	Complete L.D.
		6 1/2	90				500	Slow rate @ 20 BBI
	1130						725 / 1500	Plug Down - Hold. Release & Hold - 1st Stage Displ
								Drop D.V. Opening Device
								Washup PT.
	1150	6					300 / 350	Open D.V. & Pump 200 Mud.
	1155							Rig cir for Top Stage
	1255		7					Fin cir - Plug RH 30 SKS SMD @ 13.5 #
	1305	5	20					Top Stage - Pump 20 BBI KCL Flush
		5					200	Start 205 SKS SMD @ 11.2
	1320	5	115				var	Fin out - Tilted in @ 13.5 #
								Drop D.V. Closing Plug -
	1330	7					200	Start Displ
		7	25				300	
	1340	4					550 / 1500	Plug down - D.V. Closed. Hold & Release
	1345							Washup Tag
								25 SKS out cir to Pot
	1400							Hookup Tags
								Plan, Log & Return
	1430							Job Complete

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WHITEHALL EXPLORATION

WELLSITE GEOLOGICAL CONSULTING

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GEOLOGICAL ANALYSIS & WELL REPORT

H & M Petroleum Corporation

BETTY THUNDER No. 2

**2,310' FSL & 330' FEL
C-NE-NE-SE
Section 30-Township 9 South-Range 24 West
Graham County, Kansas**

October 29, 2010

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GENERAL INFORMATION

Elevation: G.L. 2,564' K.B. 2,569'
All measurements are from K.B.

Field: (Unnamed)

Drilling Contractor/Rig No.: WW Drilling/Rig 6

Total Depth: RTD: 4,185' LTD: 4,185'

Surface Casing: 8 5/8" set @ 217'

Production Casing: 5 1/2" set @ 4,184'

Drill Time Kept: 3,600'-4,185' RTD

Samples Examined: 3,650'-4,185' RTD

Geological Supervision: 3,600'-4,185' RTD

Wellsite Geologist: Richard J. Hall
CPG No. 5820
Consulting Wellsite Geologist-Golden, CO

Drill Stem Tests: 1) Lansing "A"- "C" Zone's - Open hole test
1) Lansing "D" Zone - Open hole test
1) Lansing "F" Zone - Open hole test
2) Kansas City "H"- "J" 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
-Micro Log
-Neutron/Density Porosity

Samples: Sent to Kansas Sample Library in Wichita, KS, as
requested by the Kansas Geological Survey

Total Depth Formation: Base/Kansas City

Well Status: Production casing set to further test several
Lansing/Kansas City Group Zone's

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DAILY DRILLING CHRONOLOGY

<u>2010</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>
10/22/10	0	0	MIRU; spud @ 12:30 P.M., drilling to 217', circ., TOO H, run 5 jts 8 5/8" surf. csg. set @ 217', cement surf. csg., WOC 8', drill out cement plug, drilling.
010/23/10	1,575'	1,575'	Drilling ahead; jet, @ 1,064', drilling, jet @ 1,595', drilling, jet @ 2,046', drilling, jet @ 2,562', drilling, rig repair (3/4'), drilling, clean suction/displace mud (660 bbls) @ 3,017', drilling.
10/24/10	3,020'	1,445'	Drilling ahead; PU pit mud @ 3,400', drilling.
10/25/10	3,710'	680'	Drilling ahead; CFS @ 3,915', drilling, CFS @ 3,939', short trip 39 stands (3.5'), circ. 1', drop dev. survey, TOO H strapping pipe, pick up test tool, TIH, run DST No. 1, TOO H.
10/26/10	3,939'	229'	Tripping Out Of Hole with DST No. 1; lay down test tool, TIH w/bit, circ. 30", drilling, CFS @ 3,950', TOO H, pick up test tool, TIH, run DST No. 2, TOO H, lay down test tool, 15" clean drill floor, TIH w/bit, circ. 1', drilling, CFS @ 3,992', TOO H, pick up test tool, TIH, run DST No. 3.
10/27/10	3,992'	53'	Running DST No. 3-ISIP; TOO H, lay down test tool, TIH w/bit, drilling, CFS @ 4,073', drilling, CFS @ 4,090', TOO H, pick up test tool, TIH, run DST No. 4, TOO H, lay down test tool, TIH w/bit.
10/28/10	4,900'	98'	Tripping In Hole with bit; circ. 30", drilling, CFS @ 4,112', drilling, reach 4,185' RTD @ 2:42 P.M., circ. 1', TOO H - pull tight - short trip 15 stands (1.5'), circ. 1', drop dev. survey, TOO H, rig up loggers, run logs, rig down loggers, TIH, TOO H laying down drill pipe and collars.
10/29/10	4,185'	95'	Run 5 1/2" production csg.; set @ 4,184', cement csg. by Swift Cementing, plug down @ 1:45 P.M., rig released @ 3:45 P.M.

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DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation (Degrees)</u>
217'	0.50
3,939'	0.75
4,185'	0.75

REFERENCE WELLS

Reference Well "A": H & M Petroleum Corp.
Betty Thunder No. 1
S/2-SW-NW
Section 29-T9S-R24W
Graham County, Kansas
KB: 2,558'
LTD: 4,185'
Date Drilled: October, 2010
TD Formation: Base/Kansas City
Status: Production casing set, waiting on LKC multiple-zone completion

Reference Well "B": J. A. Terteling & Sons
Petett Heirs No. 1
SW-NW-SW
Section 29-T9S-R24W
Graham County, Kansas
KB: 2,558'
RTD: 4,160'
Date Drilled: April, 1962
TD Formation: Base/Kansas City
Status: Dry & Abandoned (1 DST run-tight)

Reference Well "C": Don E. Pratt
J. C. No. 1
C-NE/4
Section 30-T9S-R24W
Graham County, Kansas
KB: 2,579'
RTD: 4,140'
Date Drilled: October, 1976
TD Formation: Base/Kansas City
Status: Dry & Abandoned (3 DST's-all recovered saltwater)

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FORMATION TOPS

	BETTY THUNDER No. 2		Betty Thunder No. 1	Petett Heirs No. 1	J.C. 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	2239	2235	+334	+333	+330	NA	+1	+4	NA
PENNSYLVANIAN									
Topeka	3644	3648	-1079	-1084	NA	NA	+5	NA	NA
Heebner Shale	3970	3867	-1298	-1304	-1308	-1307	+6	+10	+9
Lansing "A"	3905	3903	-1334	-1339	-1342	-1344	+5	+8	+10
Lansing "D"	3945	3942	-1373	-1379	-1388	NA	+6	+15	NA
Lansing "F"	3987	3988	-1419	-1420	-1422	NA	+1	+3	NA
Muncie Creek Shale	4030	4029	-1460	-1466	-1469	NA	+6	+9	NA
Kansas City "J"	4085	4084	-1515	-1520	-1524	NA	+5	+9	NA
Kansas City "K"	4104	4102	-1533	-1542	-1544	NA	+9	+11	NA
Base/Kansas City	4133	4136	-1567	-1570	-1574	NA	+3	+7	NA

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ZONES OF INTEREST

<u>Formation</u>	<u>Log Depth</u>	<u>Lithologic & Show Descriptions, Remarks</u>
Lansing "D"	3,942'-3,946'	<p>Limestone, light gray-buff, fine-very fine crystalline, light gray-white cherty in part, fossiliferous in part, moderate oolitic shoal development in part, rare chalk pieces with uneven oil stain, no porosity (calcitic & cherty) to good inter-oolitic matrix porosity, very good vug porosity, poor-good inter-crystalline porosity, VERY GOOD SHOW: slight odor, very good moderately bright yellow/green fluorescence, uneven to saturated light brown oil stain, good oil rainbow sheen, good show free brown oil on break, some bleeding good show light brown free oil droplets with gas bubbles, good intermediate streaming white-yellow live cut, very good milky live cut, good bright yellow dried residual ring fluorescence.</p> <p>The Lansing "D" Zone was isolated on DST No. 2 and on a 45 minute total flow period recovered 868 feet of gas in pipe, 154 feet of gassy oil (90-95% oil), 62 feet of gassy mud cut oil (10% gas, 80% oil, 10% mud), with flow pressures of 28-57 and 64-99 p.s.i. and shut in pressures of 710-699 p.s.i. (Oil = 38 degrees API Gravity).</p> <p>Log-Tech logs show this zone has a very clean gamma ray signature, medium-good SP development, maximum 10% neutron and density porosity, 2 feet of microlog development, and has up to 40 ohms deep resistivity over this interval.</p>
Lansing "F"	3,988'-3,993'	<p>Limestone, buff-light brown, fine-very fine crystalline, hard, micritic/cherty in part to very vuggy in part, calcite inclusions, abundant variable sized oolites and oolitic shoal pieces with fine-medium grain stone/crystalline inter-oolitic matrix, slightly fossiliferous, scattered pyrite inclusions, slightly chalky in part, very good vug porosity, very good inter-granular porosity, good inter-crystalline porosity, VERY GOOD SHOW: good odor, good yellow/light green fluorescence, near saturated to saturated brown oil stain, very good show medium brown floating oil droplets, good show disseminated</p>

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oil on break, bleeding oil and gas bubbles, good streaming live cut, very good yellow-white milky live cut, very good yellow dried residual ring fluorescence.

The Lansing "F" Zone was included on DST No. 3 with the Lansing "E" Zone and on a 45 minute total flow period recovered 490 feet of gas in pipe, 124 feet of gassy water cut muddy oil (10% gas, 5 % water, 45% oil, 40% mud), and 123 feet of slightly gassy mud and oil cut water (5% gas, 25% oil, 20% mud, 50% water), with flow pressures of 26-75 and 84-118 p.s.i. and shut in pressures of 793-792 p.s.i.

Log-Tech logs show this zone is well developed with a very clean gamma ray signature, medium-good SP development, maximum 17+% neutron porosity, maximum 24+% density porosity, 4 feet of very well developed microlog, and has a maximum 20 ohms deep resistivity over this interval.

Kansas City "J" 4,084'-4,089'

Limestone, brown-light gray, fine-medium grain stone development, moderately friable-hard, scattered vugs, medium-good inter-crystalline porosity, saturated dark brown oil stain, good show free dark brown oil on break; grading to Limestone, light-medium gray/tan, very fine crystalline, friable-dense, slightly chalky, cherty in part, intermediate inter-crystalline porosity, VERY GOOD SHOW: uneven-very good dark brown oil stain, good show free dark brown oil on break, bleeding dark brown/black oil droplets, abundant floating oil droplets.

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 248 feet of gas in pipe and 64 feet of gassy muddy oil (5% gas, 50% oil, 45% mud), with flow pressures of 17-30 and 30-53 p.s.i. and shut in pressures of 894-1,153 p.s.i.

Log-Tech logs show this zone has a very clean gamma ray signature, intermediate SP development, maximum 9% neutron porosity, maximum 8% density porosity, moderate microlog development throughout this interval, and has a maximum 18 ohms deep resistivity.

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Kansas City "K" 4,102'-4,112'

Limestone, light gray-tan in part, fine-predominantly very fine crystalline, mottled, very oolitic, micritic in part, slightly-moderately chalky pieces, medium to good inter-crystalline porosity, VERY GOOD SHOW: fair spotty bright fluorescence, uneven-near saturated dark brown-black oil stain, very good show dark brown free oil on break, floating dark brown oil droplets.

This zone was not drill stem tested.

Log Tech Logs show this zone is well developed with a clean gamma ray signature, intermediate good -SP development, maximum 17% neutron porosity, maximum 11.5% density porosity, very good microlog development, and has a maximum 14 ohms deep resistivity.

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&M Petro.
13570 Meadow Grass Dr.
Ste. 101 Colorado Springs Co.
80921
ATTN: Rick Hall

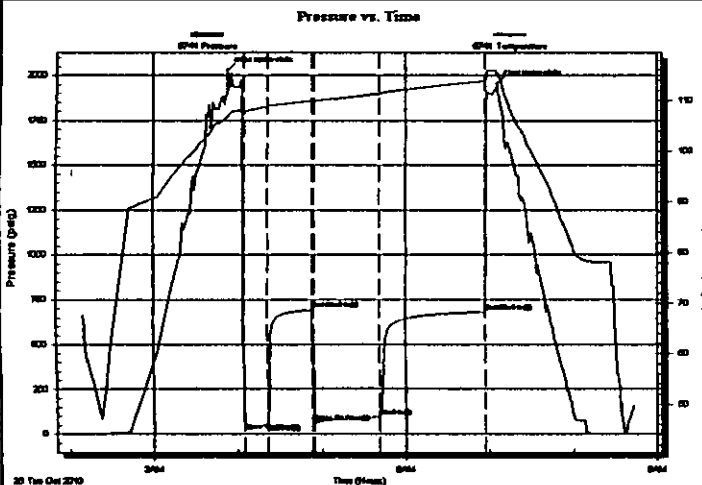
Betty Thunder #2
Sec 30 Twp 9 Rge24w
Job Ticket: 38420 DST#: 1
Test Start: 2010.10.26 @ 02:10:00

GENERAL INFORMATION:

Formation: **LKC-A-C**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 04:04:30
Time Test Ended: 08:43:30
Interval: **3894.00 ft (KB) To 3939.00 ft (KB) (TVD)**
Total Depth: **3939.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Chuck Kreutzer Jr.**
Unit No: **36**
Reference Elevations: **2569.00 ft (KB)**
2564.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: **6741** Inside
Press@RunDepth: **94.85 psig @ 3904.60 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.10.26** End Date: **2010.10.26** Last Calib.: **2010.10.26**
Start Time: **02:10:00** End Time: **08:43:30** Time On Btrr: **2010.10.26 @ 03:53:00**
Time Off Btrr: **2010.10.26 @ 07:05:30**

TEST COMMENT: **F: Weak blow, Died in 1 min.**
IS: No blow back over 30 mins.
FF: Weak blow, Surface over 45 mins.
FSt: No blow back over 75 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2028.28	106.95	Initial Hydro-static
15"	18.69	107.25	Open To Flow (1)
28	52.62	108.73	Shut-In(1)
30"	693.93	109.89	End Shut-In(1)
62	61.17	109.74	Open To Flow (2)
45"	94.85	111.35	Shut-In(2)
75"	184	113.88	End Shut-In(2)
193	1954.82	115.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
123.00	w m-50%w 50%m	0.60
20.00	w m-w with oil specs-1%o49%w 50%m	0.28
2.00	oil-100%	0.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mscfd)

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&M Petro.
13570 Meadow Grass Dr.
Ste.101 colorado springs Co.
80921
ATTN: Rick Hall

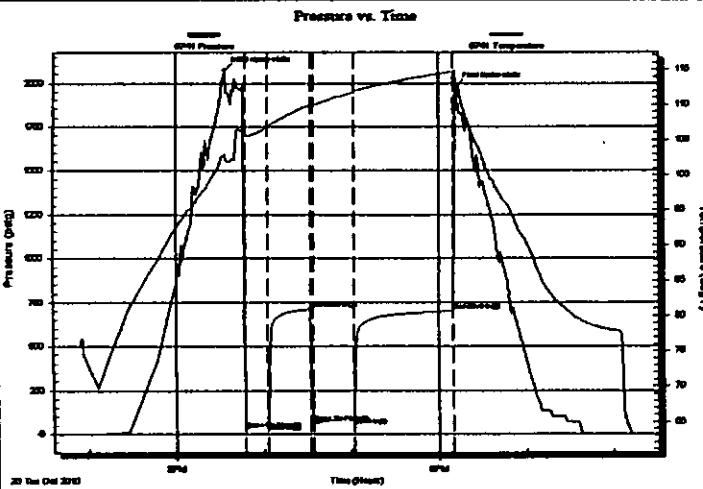
Betty Thunder #2
Sec 30 Twp 9 Rge24w
Job Ticket: 38421 DST#: 2
Test Start: 2010.10.26 @ 13:55:00

GENERAL INFORMATION:

Formation: LKC-D
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:47:30
Time Test Ended: 20:12:30
Test Type: Conventional Bottom Hole
Tester: Chuck Kreutzer Jr.
Unit No: 36
Interval: 3939.00 ft (KB) To 3950.00 ft (KB) (TVD)
Reference Elevations: 2569.00 ft (KB)
Total Depth: 3950.00 ft (KB) (TVD) 2564.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6741 Inside
Press@RunDepth: 99.86 psig @ 3940.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.26 End Date: 2010.10.26 Last Calib.: 2010.10.26
Start Time: 13:55:00 End Time: 20:12:30 Time On Btrm: 2010.10.26 @ 15:33:30
Time Off Btrm: 2010.10.26 @ 18:12:30

TEST COMMENT: IF: Fair blow, built to B.O.B in 7 mins.
IS: Bled off, blow back after 1 min. built to 1 in. over 30 mins.
FF: Fair blow, built to B.O.B in 7 mins.
FS: Bled off, blow back after 1 min. built to 1" in 60"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.87	102.91	Initial Hydro-static
15"	28.29	105.72	Open To Flow (1)
30"	57.88	106.73	Shut-In(1)
59"	710.29	109.90	End Shut-In(1)
61"	64.76	109.85	Open To Flow (2)
89"	99.86	111.74	Shut-In(2)
157"	699.46	114.69	End Shut-In(2)
159"	1983.59	112.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	gocm-30%g25%o45%m	0.30
62.00	gmco-10%g10%m80%o	0.30
124.00	go-5%g95%o	1.74
30.00	go-10%g90%o	0.42
0.00	868ft. gas in pipe.	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

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TESTING, INC.**

DRILL STEM TEST REPORT

H&M Petro.
13570 Meadow Grass Dr.
Ste.101 colorado springs Co.
80921
ATTN: Rick Hall

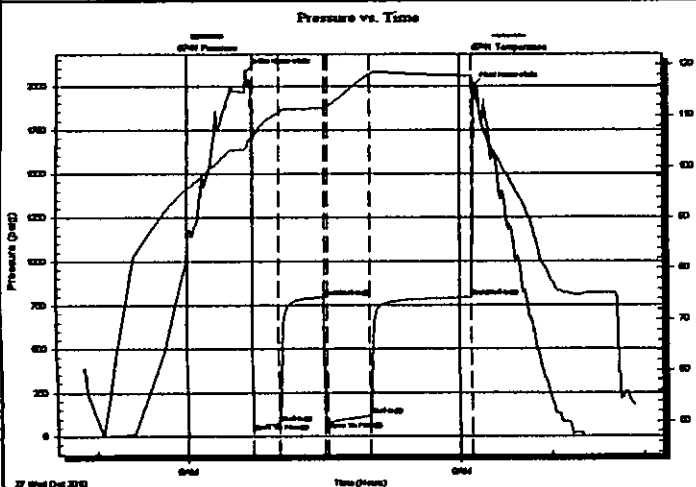
Betty Thunder #2
Sec 30 Twp 9 Rge24w
Job Ticket: 38422 DST#: 3
Test Start: 2010.10.27 @ 04:52:00

GENERAL INFORMATION:

Formation: LKC-E-F
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:43:00
Time Test Ended: 10:55:00
Interval: 3967.00 ft (KB) To 3992.00 ft (KB) (TVD)
Total Depth: 3992.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2569.00 ft (KB)
2564.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 Inside
Press@RunDepth: 118.08 psig @ 3968.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.27 End Date: 2010.10.27 Last Calib.: 2010.10.27
Start Time: 04:52:00 End Time: 10:55:00 Time On Btm: 2010.10.27 @ 06:38:30
Time Off Btm: 2010.10.27 @ 09:08:30

TEST COMMENT: IF: Fair blow, Built to B.O.B in 12 mins.
IS: Bled off, Blow back after 12 mins. built to 1/8 in. over 30 mins.
FF: Fair blow, Built to B.O.B in 15 mins.
FS: Bled off, Blow back after 10 mins. built to 1/8 in. over 60%.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.45	103.61	Initial Hydro-static
15" 5	26.22	105.28	Open To Flow (1)
22	75.73	110.68	Shut-in(1)
30" 52	793.76	111.57	End Shut-in(1)
30" 54	84.36	111.85	Open To Flow (2)
82	118.08	118.14	Shut-in(2)
60" 149	792.50	117.83	End Shut-in(2)
150	1998.73	116.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
123.00	gomcw -5%g20%m25%o50%w	0.60
124.00	gow cm-10%g5%w 40%m45%o	1.74
0.00	490ft. gas in pipe	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&M Petro.
13570 Meadow Grass Dr.
Ste. 101 colorado springs Co.
80921
ATTN: Rick Hall

Betty Thunder #2
Sec 30 Twp 9 Rge24w
Job Ticket: 38423 DST#: 4
Test Start: 2010.10.27 @ 22:55:00

GENERAL INFORMATION:

Formation: **LKC-H-J**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: **01:11:30**
Time Test Ended: **06:43:00**

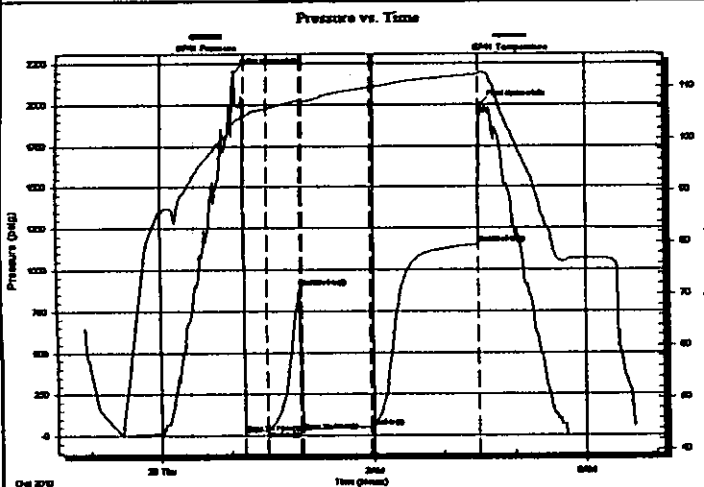
Test Type: **Conventional Bottom Hole**
Tester: **Chuck Kreutzer Jr.**
Unit No: **36**

Interval: **4022.00 ft (KB) To 4090.00 ft (KB) (TVD)**
Total Depth: **4090.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2569.00 ft (KB)**
2564.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6741 Inside
Press@RunDepth: **52.96 psig @ 4025.60 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.10.27** End Date: **2010.10.28** Last Calib.: **2010.10.28**
Start Time: **22:55:00** End Time: **06:43:00** Time On Btm: **2010.10.28 @ 01:02:30**
Time Off Btm: **2010.10.28 @ 04:31:30**

TEST COMMENT: F: Weak blow, built to 1 in. over 15 mins.
IS: No blow back over 30 mins.
FF: Weak blow, built to 3 in. over 60 mins.
FS: No blow back over 90 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2199.78	103.24	Initial Hydro-static
9	17.35	104.24	Open To Flow (1)
15"	28	105.85	Shut-in(1)
30"	56	107.45	End Shut-in(1)
60"	57	107.27	Open To Flow (2)
90"	115	109.98	Shut-in(2)
207	1153.00	112.53	End Shut-in(2)
209	2000.08	112.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
64.00	ghlocm-5%g40%o45%m	0.31
0.00	248 Ft. of gas in pipe	0.00

Gas Rates

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

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SUMMARY

The Betty Thunder Prospect is located in southwestern Graham County, Kansas. The prospect is surrounded by numerous oil fields (Hoeting Field-1,000,000+ BO, Dreil Field-269,000 BO, Dreil SW Field-315,000 BO, and the Riedel North Field-292,000 BO) where prolific commercial oil production occurs from the multiple pay Zone Pennsylvanian aged Lansing/Kansas City Group.

In this area of Graham County, 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. 2 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. 2 well tested the western portion of the northern moderate relief structural closure, at the Lansing datum, which trends northeast-southwest through the NW/4 of Section 29 and the SE/4 of Section 30-9S-R24W.

The Betty Thunder No. 2 is a southwestern offset location to the H & M Petroleum Corp. Betty Thunder No. 1 wildcat discovery, located in the S/2-SW-NW-Section 29-T9S-R24W. The 3-D seismic indicated that the Betty Thunder No. 2 location should encounter the Lansing/Kansas City Group in a moderately higher structural position relative to the Betty Thunder No. 1 well. The 3-D seismic interpretation proved correct with the Top/Lansing in the Betty Thunder No. 2 running 5 feet high relative to the Betty Thunder No. 1 oil discovery.

Surrounding wells used for correlation in this report include: Reference Well "A"/H & M Petroleum Corp. Betty Thunder No. 1, S/2-SW-NW-Section 29-T9S-R24W; Reference Well "B"/J. A. Terteling Petett Heirs No. 1 (SW-NW-SW-Section 29-T9S-R24W); and Reference Well "C"/Don E. Pratt J. C. No. 1 (C-NE-Section 30-T9S-R24W). The Betty Thunder No. 2 runs structurally high throughout the well, as predicted by the 3-D seismic to all three Reference Well's.

The Betty Thunder No. 2 test well is located approximately 9.5 miles west and 9 miles south of Hill City, Kansas.

Four (4) open hole drill stem test's were run during the drilling of the Betty Thunder No. 2, based on visual oil shows and associated rate of penetration drilling breaks. DST No. 1 covered the Lansing "A"- "C" Zone's and recovered 2 feet of clean oil, 20 feet of watery mud and 123 feet of watery mud with shut in pressures of 693-680 p.s.i. DST No. 2 isolated the Lansing "D" Zone and recovered 868 feet of gas in pipe, 154 feet of clean gassy oil, 62 feet of gassy mud cut oil and 61 feet of gassy oil cut mud with shut in pressures of 710-699 p.s.i. DST No. 3 covered the Lansing "E" and "F" Zone's and recovered 490 feet of gas in pipe, 124 feet of

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gassy water cut muddy oil and 123 feet of gassy mud and oil cut water with shut in pressures of 793-792 p.s.i. DST No. 4 covered the Kansas City "H"- "J" Zone's and recovered 248 feet of gas in pipe and 64 feet of gassy heavy oil cut mud with shut in pressures of 894-1,153 p.s.i.

The Betty Thunder No. 2 well was spudded on October 22, 2010, and the rig was released on October 29, 2010 after production casing was set. 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 4,185 feet RTD. Wet and dry drilling samples were caught by the drilling crews from 3,650 feet to 4,185 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. 2 in the primary and secondary objective Lansing/Kansas City Group and include:

- | | | |
|--------------------|-----------------|--|
| -Lansing "A" Zone: | Fair Show: | Good gold fluorescence, uneven brown oil stain, slight-fair show free oil/break, large brown floating droplets, slow milky live cut, poor dark gold dried residual ring fluorescence. |
| -Lansing "C" Zone: | Good Show: | Dull yellow fluorescence, uneven to near saturated oil stain, fair-good show free oil droplets/break, good streaming live cut, medium gold dried residual ring fluorescence. |
| -Lansing "D" Zone: | Very Good Show: | Moderately bright yellow fluorescence, uneven-near saturated light brown oil stain, good rainbow sheen, good show free oil/break, bleeding light brown oil droplets with gas bubbles, good streaming live cut, very good milky live cut, good yellow/gold dried residual fluorescence. |
| -Lansing "F" Zone: | Very Good Show: | Good odor, good yellow fluorescence, near saturated to saturated brown oil stain, abundant medium brown floating oil droplets, bleeding |

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Compared to Reference Well "A"/H & M Petroleum Betty Thunder No. 1 (S/2-SW-NW-Section 29-T9S-R24W), the Betty Thunder No. 2 runs: +1 foot high at the Stone Corral Anhydrite, +6 feet high at the Heebner Shale, +5 feet high at the Top/Lansing "A", +6 feet high at the Muncie Creek Shale, +5 feet high at the Kansas City "J" Zone, and +3 feet high at the Base/Kansas City.

Compared to Reference Well "B"/J. A. Terteling Petett Heirs No. 1 (SW-NW-SW-Section 29-T9S-R24W), the Betty Thunder No. 2 runs: +4 feet high at the Stone Corral Anhydrite, +10 feet high at the Heebner Shale, and +8 feet high at the Top/Lansing "A", +9 feet high at the Muncie Creek Shale, +9 feet high at the Kansas City "J" Zone, and +7 feet high at the Base/Kansas City.

Compared to Reference Well "C"/Don E. Pratt J. C. No. 1 (C-NE-Section 30-T9S-R24W), the Betty Thunder No. 2 runs: +9 feet high at the Heebner Shale, and +10 feet high at the Top/Lansing "A" (no other formation tops are available for this well).

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. 2 wildcat test was based on a 3-D seismic survey interpretation which indicated a moderate relief structural closure at the Lansing datum was located in the NE-NE-SE-Section 30-T9S-R24W, and that this test well should be high structurally relative to the recently drilled H & M Petroleum Corp. Betty Thunder No. 1 oil discovery located in the S/2-SW-NW-Section 29-T9S-R24W.

Numerous free oil sample shows were observed in the Lansing "A", "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, four drill stem tests were run in the Lansing/Kansas City Group with DST No. 2 (Lansing "D" Zone) recovering 868 feet of gas in pipe, 154 feet of clean gassy oil, 62 feet of gassy mud cut oil and 61 feet of gassy oil cut mud with shut in pressures of 710-699 p.s.i., DST No. 3 (Lansing "F" Zone) recovering 490 feet of gas in pipe, 124 feet of gassy water cut muddy oil and 123 feet of gassy mud and oil cut water with shut in pressures of 793-792 p.s.i. and DST No. 4 (Kansas City "H"- "J" Zone's) recovering 248 feet of gas in pipe and 64 feet of gassy heavy oil cut mud with shut in pressures of 894-1,153 p.s.i.

Therefore, based on the hydrocarbon recoveries (gas in pipe, gassy free oil and gassy oil cut mud, no water) and pressure recoveries on Drill Stem Test's No. 2 and 4, the oil and water recovery on DST No. 3, the very good free oil sample shows in the Kansas City "K" Zone (was not drill stem tested), the very favorable positive 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, 5½ inch production casing was set in the Betty Thunder No. 2 to production test the Lansing "D" and "F" Zone's and the Kansas City "J" and "K" Zone's. Other potential pay zone's in the Betty Thunder No. 2 include the Lansing/Kansas City Group "A", "C", "H" and "I" Zone's and should be tested through pipe prior to abandonment.

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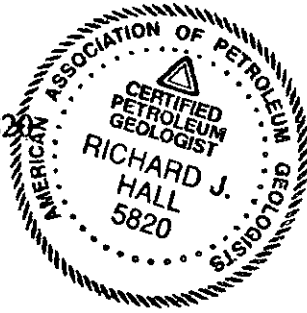
Respectfully Submitted,

Richard J. Hall

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Certified Petroleum Geologist No. 5820

Whitehall Exploration



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