

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

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: David Allen
Phone: (719) 590-6060
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Don V. Rider
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.)

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.: _____
06/27/2008 07/06/2008 07/06/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 101-22101-00-00
Spot Description: _____
S2 SE SW Sec. 31 Twp. 17 S. R. 30 East West
330 Feet from North / South Line of Section
3300 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Lane
Lease Name: Doyle's Dome Well #: 1
Field Name: Doyle's Dome
Producing Formation: Marmaton
Elevation: Ground: 2894' Kelly Bushing: 2899'
Total Depth: 4614' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 5 jts @ 218' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2230 Feet
If Alternate II completion, cement circulated from: 2230
feet depth to: Surface w/ 365 sx cmt.

Drilling Fluid Management Plan Alt II NCR 9-28-09
(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: 09/10/2008
Subscribed and sworn to before me this 10 day of September,
20 09.
Notary Public: [Signature]
Date Commission Expires: 4/13/2013

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: 9/28/09
 Wireline Log Received
 Geologist Report Received
 Wire Distribution

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ALEASHA MITCHELL
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 04/13/2013

Operator Name: H & M Petroleum Corporation Lease Name: Doyle's Dome Well #: 1
 Sec. 31 Twp. 17 S. R. 30 East West County: Lane

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 (Attach Additional Sheets)	<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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2205	+694
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3645	-746
List All E. Logs Run:		Heebner Shale	3879	-980
DI, CN, Micro		Lansing "A"	3916	-1017
		Muncie Creek Shale	4097	-1198
		Lansing "H"	4115	-1216
		Stark Shale	4194	-1295

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"	24#	218'	Common	165	5% CC/3% Gel
Production	7 7/8"	5 1/2"	15.5#	4614'	Common	160	10% Salt/2% Gel

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	4386' - 4394'	Shot	4394'
4	4354' - 4358'	Shot	4358'
4	4250' - 4254'	Shot	4254'
	CIPB set @ 4374'		
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TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>4542'</u>	Packer At: <u>4095'</u>	Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>08/09/2008</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>300</u>	Gas Mcf <u>0</u>	Water Bbls. <u>15</u>	Gas-Oil Ratio <u>36.0</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	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) _____	PRODUCTION INTERVAL: <u>4334 - 4409</u>
--	---	--

Doyle's Dome #1 Formation Tops

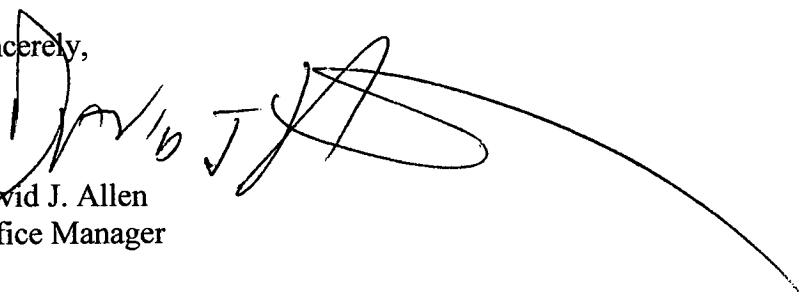
Name	Top	Datum
Kansas City "K"	4203	-1304
Kansas City "L"	4248	-1349
B/KC	4309	-1410
Marmaton	4334	-1435
Pawnee	4409	-1510
Ft. Scott	4433	-1534
Cherokee Shale	4449	-1550
Cher. Johnson	4517	-1618
Mississipian	4546	-1647

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09/10/2009

I would like to request the maximum confidentiality of 2 years before releasing information on side two of the Doyle's Dome #1 Well Completion Form. Thank you.

Sincerely,


David J. Allen
Office Manager

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13570 Meadowgrass Dr.
Suite 101
Colorado Springs, CO 80921

Bus: 719.590.6060
Fax: 719.590.6061
800.220.5936

REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

220

DATE 7/6/09	SEC. 71	RANGE/TWP. 17/12	CALLED OUT	ON-LOCATION 5300	JOB START 7:30	JOB FINISH 1:00 PM
LEASE W. J. Jones			WELL# 1			
			COUNTY STATE KS			

CONTRACTOR W J J	OWNER H I M			
TYPE OF JOB				
HOLE SIZE	T.D. 4 1/2 14	CEMENT		
CASING SIZE 3 1/2	DEPTH	AMOUNT ORDERED	545	
TUBING SIZE	DEPTH			
DRILL PIPE 4 1/2	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	80	@ 15 5300
DISPLACEMENT	SHOE JOINT	POZMIX	150	@ 7 1000
CEMENT LEFT IN CSG.		GEL	25	@ 17 500
PERFS		CHLORIDE		@
		ASC		@
EQUIPMENT		76-500 1/2	130	@ 7 300
	60 gal Mod	59.661 Water	500	@ 12 500
PUMP TRUCK				
#				
BULK TRUCK				
#				
BULK TRUCK				
#				
		HANDLING	545	@ 1000 1000
		MILEAGE	71	@ 49 3479
		TOTAL		

REMARKS	SERVICE 2 days		
Plugged Hole 10' or	DEPT OF JOB	@	
11' 30'	PUMP TRUCK CHARGE	@ 1.50	1500
Plugged Hole 10' or	EXTRA FOOTAGE	@	
160' 4 1/2 1/2 2 1/2 1 1/2	MILEAGE 71	@ 1.50	1050
127'	MANIFOLD	@ 2.50	250
355 Top 60/40 8% col 1/4 1/2		@	
Aug 2 1:00 AM	TOTAL		

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CHARGE TO: H. A.	PER 1000
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Service LLC
You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

[Handwritten initials]

PLUG & FLOAT EQUIPMENT	
11' 30'	@ 75
1' 30'	@ 200
1' 30'	@ 449
1' 30'	@ 177
1' 30'	@ 315
5.5 DV 7.5 4'	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE *[Handwritten Signature]*

PRINTED NAME

REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

216

DATE <u>6/27/08</u> SEC. <u>51</u>	RANGE/TWP. <u>17/20</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Doyle's Dome</u>			WELL # <u>1</u>		
			COUNTY <u>Lawrence</u>	STATE <u>Ks</u>	

CONTRACTOR <u>WV 2</u>	OWNER <u>1111A</u>				
TYPE OF JOB <u>Swab</u>					
HOLE SIZE	T.D. <u>715</u>	CEMENT			
CASING SIZE <u>8 7/8</u>	DEPTH	AMOUNT ORDERED		<u>165</u>	
TUBING SIZE	DEPTH				
DRILL PIPE <u>1 1/2</u>	DEPTH				
TOOL	DEPTH				
PRES. MAX	MINIMUM	COMMON	<u>165</u>	@ <u>135</u>	<u>2.14</u>
DISPLACEMENT <u>12.75</u>	SHOE JOINT	POZMIX		@	
CEMENT LEFT IN CSG.		GEL	<u>3</u>	@ <u>175</u>	<u>5.25</u>
PERFS		CHLORIDE	<u>5</u>	@ <u>52</u>	<u>2.60</u>
		ASC		@	
EQUIPMENT				@	
				@	
PUMP TRUCK				@	
# <u>1</u>				@	
BULK TRUCK				@	
# <u>1</u>				@	
BULK TRUCK				@	
#				@	
				@	
		HANDLING	<u>175</u>	@ <u>12</u>	<u>3.00</u>
		MILEAGE	<u>71</u>	@ <u>15</u>	<u>1.05</u>
				TOTAL	

REMARKS	SERVICE <u>Swab</u>		
<u>11:50 AM @ 2:15 PM</u>	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	<u>9.00</u>
	EXTRA FOOTAGE	@	
	MILEAGE <u>71</u>	@ <u>15</u>	<u>1.05</u>
<u>Cost to Pit</u>	MANIFOLD	@	
		@	
	RECEIVED	TOTAL	

CHARGE TO: <u>1111A</u>	
STREET	STATE
CITY	ZIP

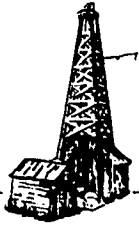
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PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
	TOTAL <u>5.25</u>
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE Lonnie Lang

PRINTED NAME Lonnie Lang



WHITEHALL EXPLORATION

WELLSITE GEOLOGICAL CONSULTING

GEOLOGICAL ANALYSIS & WELL REPORT

H & M Petroleum Corp.

DOYLE'S DOME No. 1

330' FSL & 3,300' FEL
S/2-SE-SW
Section 31-Township 17 South-Range 30 West
Lane County, Kansas

July 9, 2008

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GENERAL INFORMATION

Elevation: G.L. 2,894' K.B. 2,899'
All measurements are from K.B.

Field: Manning

Drilling Contractor/Rig No.: WW Drilling Co./Rig 2

Total Depth: RTD: 4,614' LTD: 4,618'

Surface Casing: 8 5/8" @ 218'

Production Casing: 5 1/2" set

Drill Time Kept: 3,800'-4,614' RTD

Samples Examined: 3,800'-4,614' RTD

Geological Supervision: 3,800'-4,614' RTD

Wellsite Geologist: Don V. Rider
Consulting Wellsite Geologist:

Drill Stem Tests: 5 Open Hole Tests: -Kansas City "K" Zone
-Kansas City "L" Zone
-Marmaton "A" Zone
-Marmaton "B" Zone
-Cherokee Johnson Zone

Mud Company/Mud Type: Morgan Mud/Chemical

Electric Logging Company: Log-Tech

Log Suite: -Dual Induction
-Compensated Neutron/Density Porosity
-Microlog

Samples: -3,800' to 4,614' RTD (evaluated and discarded)

Total Depth Formation: Mississippian

Well Status: Production casing set

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DAILY DRILLING CHRONOLOGY

<u>2007</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>
06/26/08	0	0	MIRU.
06/27/08	0'	0'	Rig up; drill rat hole, drilling, jet cellar and circ., TOOH, run 5 jts 8 5/8" surf. csg. set @ 218' w/ 165 sx cement, plug down @ 2:15 P.M., woc 8', drill out plug @ 10:15 P.M., drilling, jet, drilling.
06/28/08	1,125'	1,125'	Drilling ahead; jet, drilling, jet, drilling, jet, drilling, jet, drilling, jet, drilling.
06/29/08	2,855'	1,730'	Drilling ahead; lost circ. @ 2,878' (1.75') pull 5 stands, drilling, jet, drilling, lost circ. @ 3,066' (30"), drilling, jet, drilling, 15" pump repair, drilling.
06/30/08	3,595'	740'	Drilling ahead, fill premix tank w/ pit mud, drilling, wk tight connection @ 3,755', drilling, 3' rig repair-brake drum, drilling, CFS @ 4,006', drilling, jet/odd premix, drilling, CFS @ 4,046'.
07/01/08	4,046'	451'	CFS; drilling, jet, drilling, CFS @ 4,114', drilling, CFS @ 4,160', drilling, jet/add premix, drilling, CFS @ 4,230', short trip 20 stands, circ. 1', TOOH, pu test tool, TIH, run DST No. 1, TOOH.
07/02/08	4,230'	184'	Tripping out of hole w/ DST No. 1; wo tank truck 1', reverse out fluid into tank truck, break down test tool, TIH w/ bit, drilling, CFS @ 4,284', drilling, CFS @ 4,291'; TOOH, pu test tool, TIH, run DST No. 2, TOOH, break down test tool, clean drill floor, TIH w/ bit.
07/03/08	4,291'	61'	Circ./condition hole; drilling, add premix @ 4,319', drilling, CFS @ 4,378', short trip 1', circ. 1', TOOH, pu test tool, TIH, run DST No. 3, TOOH, break down test tool, TIH w/ bit, circ. 1', drilling, rig repair 1'- broken fuel

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			line.
07/04/08	4,392'	101'	Wait on fuel line/ repair 45"; drilling, CFS @ 4,416', TOOH w/ bit, pu test tool, TIH, run DST No. 4, TOOH, break down test tool, clean drill floor, TIH w/bit, circ. 1', drilling, CFS @ 4,476, drilling, CFS 4,520.
07/05/08	4,520'	128'	CFS; drilling, CFS @ 4,538', TOOH, pu test tool, TIH, run DST No. 5, TOOH, break down test tool, TIH w/ bit, circ. 1', drilling, reach RTD, circ. 1', TOOH, ru loggers @ 5:00 A.M., logging-Log- Tech.
07/06/08	4,614'	94'	Logging; RD loggers, TIH, circ., TOOH laying down drill pipe, RU casing crew, run 5 1/2" prod csg., cement-plug down @ 1:00 A.M. 07/07/08, rig released 3 A.M. 07/07/08.

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DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation (Degrees)</u>
218'	1.0
4,230'	1.0

REFERENCE WELLS

Reference Well "A": Dunne-Gardner
Ramsey No.1
C-NE-NE
Section 1-T18S-R31W
Scott County, KS
KB: 2,909'
LTD: 4,649'
Date Drilled: October 1977
TD Formation: Mississippian
Status: Abandoned Kansas City "K" and "L" Zone's oil well

Reference Well "B": Lario Oil and Gas Co.
Curran No. 1-6
Section 6-T18S-R30W
Lane County, KS
KB: 2,896'
LTD: 4,871'
Date Drilled: December 2006
TD Formation: Mississippian Warsaw
Status: D & A

Reference Well "C": Thunderbird Drilling
French 'A'-1
Section: C-SE-NE
Section 36-T17S-R31W
Scott County, KS
KB: 2,904'
LTD: 4,655'
Date Drilled: May 1981
TD Formation: Mississippian
Status: Dry & Abandoned

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FORMATION TOPS

	Doyles Dome No. 1			Ramsey No. 1	Curran No. 1-6	French No. A-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									
Anhydrite	2206	2205	+694	+689	+686	+672	+5	+8	+22
PENNSYLVANIAN									
Topeka	NC	3645	-746	NA	-763	NA	NA	+17	NA
Heebner Shale	3888	3879	-980	-981	-996	-1017	+1	+16	+37
Lansing "A"	3924	3916	-1017	-1019	-1035	-1052	+2	+18	+35
Muncie Creek Sh	4106	4097	-1198	-1196	-1222	-1218	-2	+24	+20
Lansing "H"		4115	-1216	-1215	-1239	-1230	-1	+23	+14
Stark Sh	4204	4194	-1295	-1295	-1318	-1312	FLAT	+23	+17
Kansas City "K"	4202	4203	-1304	-1305	-1331	-1319	+1	+27	+15
Kansas City "L"	4247	4248	-1349	-1337	-1370	-1372	-12	+21	+23
B/ KC		4309	-1410	-1407	-1428	-1426	-3	+18	+16
Marmaton	4336	4334	-1435	-1438	-1454	-1449	+3	+19	+14
Pawnee	4407	4409	-1510	-1506	-1528	-1524	-4	+18	+14
Ft. Scott	4431	4433	-1534	-1529	-1550	-1545	-5	+16	+11
Cherokee Sh	4450	4449	-1550	-1544	-1568	-1562	-6	+18	+12
Cher. Johnson Zone	4578	4517	-1618	-1611	-1631	-1632	-7	+13	+14
Mississippian	4552	4546	-1647	-1635	-1662	-1670	-12	+15	+23

NA = Not Available
 NC = Not Called

ZONES OF INTEREST

<u>Formation</u>	<u>Log Depth</u>	<u>Lithologic & Show Descriptions, Remarks</u>
Kansas City "K"	,203'-4,214'	<p>Limestone, off white, light brown, fine crystalline, fossiliferous, slightly oolitic, trace pyrite, some soft white chalk, fair oolitic and pin point vuggular porosities, Good Show, slight odor, fluorescence, minor show free oil/broken, minor oil staining, milky live cut.</p> <p>This zone was isolated on DST No.1 recovering 240' gas in pipe, 210' gassy oil, and 1,300' of water, with shut in pressure of 871-876 p.s.i.</p> <p>Log- Tech logs show this limestone has very good SP development, minor mud cake, 13-19% density porosity, 14-26% neutron porosity, microlog development from 4,203'-4,222', and has deep resistivity of 13-maximum 20 ohms declining with depth to 10 ohms or less below 4,210'. An apparent oil/water contact is at approximately 4,210 feet.</p>
Kansas City "L"	4,248'-4,269'	<p>Limestone, off white, fine crystalline, fossiliferous, oolitic, good oolitic and fossiliferous porosities, Good Show: slight odor, fluorescence, show free oil/broken, oil stain, milky live cut.</p> <p>DST No. 2 isolated the upper 43 feet of the Kansas City "L" Zone and recovered 240' gas in pipe, 1,150 feet (16.1 bbls) of gassy oil (15% gas, 85% oil), and 125 feet (0.6 bbl) of mud cut oil (60% oil, 40% mud), with shut in pressures of 481- 490 ps.i.</p> <p>Log-Tech logs show this is an extremely well developed reservoir with excellent SP, mudcake and microlog development throughout, 20-24.75% density porosity, 27-28% neutron porosity, and has 12 feet of greater than 40 ohms deep resistivity. with a maximum of 65 ohms, and calculates a water saturation of 17%.</p>
Marmaton "A"	4,354'-4,359'	<p>Limestone off white, fine crystalline, fossiliferous, oolitic, oolitic and pin point vuggular porosity, Good Show: fair odor, fair fluorescence, free oil show/broken, oil stain, fair blue-white live cut.</p> <p>DST No. 3 covered this zone and recovered 310</p>

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feet of gas in pipe, 1,550 feet (21.74 bbls) of gassy oil (30% gas, 70% oil), 249 feet (3.4 bbls) of oil cut watery mud (40% oil, 30% water, 30% mud), with shut in pressures of 803-802 p.s.i.

Log-Tech logs show this zone has fair SP development, 2 feet of microlog development, 10-11.5% density porosity, 9-12% neutron porosity, and has a maximum deep resistivity of 26 ohms.

Marmaton "B"

4,386'-4,395'

Limestone, off white, fine crystalline, oolitic, fossiliferous, with oolitic and pin point vugular porosity, Good Show: fair odor, blue-white fluorescence, minor free oil show/broken, oil strain, blue-white live cut.

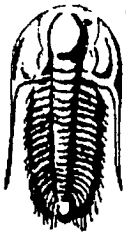
DST No. 4 covered this zone and recovered 558 feet gas in pipe, 248 feet (3.4 bbls) of gassy oil (10% gas, 90% oil), 124 feet (1.74 bbls) mud cut gassy oil, (40% gas, 20% oil, 40% mud), and 123 feet of mud cut water (80% water, 20% mud) with shut in pressures of 1,051-1,022 p.s.i.

Log-Tech logs show this zone has good SP and microlog development, averages 7% density and neutron porosity (maximum 7.75% density porosity and maximum 7% neutron porosity), and has 45-58 ohms deep resistivity.

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&M Petroleum Corp.

Doyle's Dome #1

731 Weber #200
Colorado Springs, Co
80905

31 17s Lane

Job Ticket: 32169 DST#: 1

ATTN: Richard Hall

Test Start: 2008.07.02 @ 00:42:15

GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 02:57:59

Time Test Ended: 10:26:59

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 44

Interval: **4200.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Total Depth: 4230.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2899.00 ft (KB)

2894.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8367

Inside

Press@RunDepth: 666.28 psig @ 4202.00 ft (KB)

Start Date: 2008.07.02

End Date:

2008.07.02

Start Time: 00:42:15

End Time:

10:26:59

Capacity: 7000.00 psig

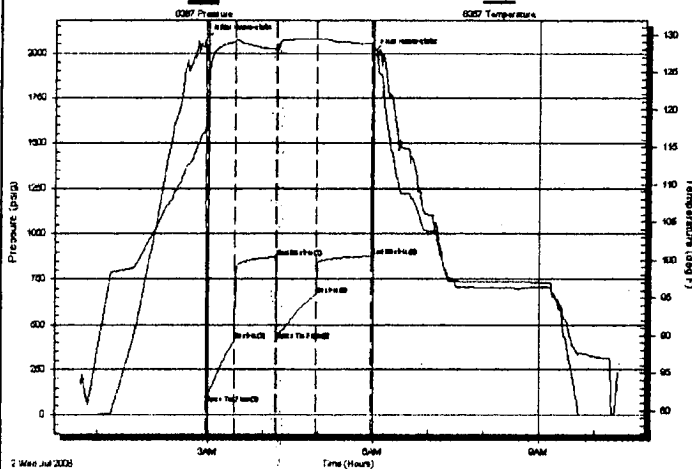
Last Calib.: 2008.07.02

Time On Btm: 2008.07.02 @ 02:57:44

Time Off Btm: 2008.07.02 @ 05:58:59

TEST COMMENT: IF- strong- bottom of bucket in 3 minutes
IS- very weak surface blow
FF- strong- bottom of bucket in 7 minutes
FS- very weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.17	117.66	Initial Hydro-static
1	62.14	117.07	Open To Flow (1)
32	411.21	129.14	Shut-In(1)
78	871.21	128.05	End Shut-In(1)
78	413.05	127.75	Open To Flow (2)
120	666.28	129.41	Shut-In(2)
181	875.07	128.71	End Shut-In(2)
182	2003.49	128.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1300.00	sulfur water	17.11
210.00	gassy oil	2.95
0.00	240' gas in pipe	0.00
0.00	Rw .24@ 82	0.00

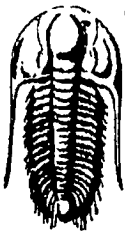
Gas Rates

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

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&M Petroleum Corp.

Doyle's Dome #1

731 Weber #200
Colorado Springs, Co.
80905

31 17s 30w Lane Ks

Job Ticket: 32170 **DST#: 2**

ATTN: Richard Hall

Test Start: 2008.07.02 @ 20:36:11

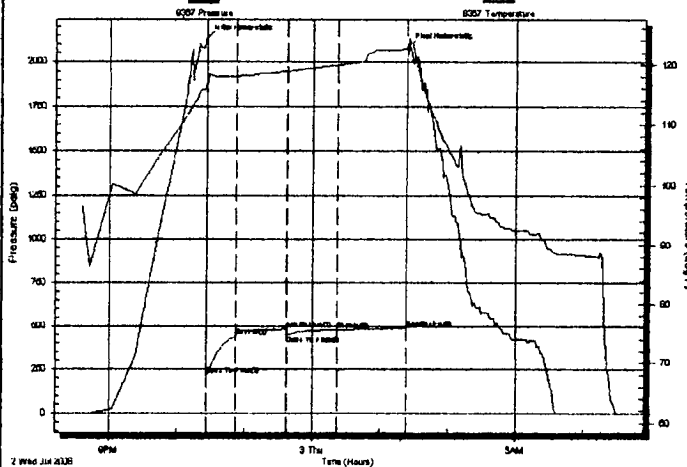
GENERAL INFORMATION:

Formation: **Lansing L**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 22:26:26
 Time Test Ended: 04:29:56
 Interval: **4238.00 ft (KB) To 4291.00 ft (KB) (TVD)**
 Total Depth: 4291.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Paul Simpson
 Unit No: 44
 Reference Elevations: 2899.00 ft (KB)
 2894.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8367 Inside
 Press@RunDepth: 477.93 psig @ 4273.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.07.02 End Date: 2008.07.03 Last Calib.: 2008.07.03
 Start Time: 20:36:11 End Time: 04:29:56 Time On Btm: 2008.07.02 @ 22:26:11
 Time Off Btm: 2008.07.03 @ 01:23:26

TEST COMMENT: IF- Strong blow bottom of bucket in 1 minute
 IS- blow built to 2"
 FF- weak blow building to bottom of bucket in 13 minutes
 FSI weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.03	116.93	Initial Hydro-static
1	219.88	116.54	Open To Flow (1)
27	439.96	118.07	Shut-In(1)
71	481.94	118.90	End Shut-In(1)
72	445.89	118.89	Open To Flow (2)
116	477.93	119.93	Shut-In(2)
177	490.87	122.56	End Shut-In(2)
178	2083.41	123.07	Final Hydro-static

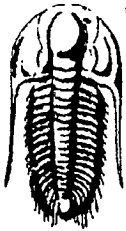
Recovery

Length (ft)	Description	Volume (bbl)
125.00	MCO 60% O 40%M	0.62
1150.00	Gassy oil 15% G 85%O	16.13
0.00	240'GIP	0.00

Gas Rates

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

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DRILL STEM TEST REPORT

H&M Petroleum Corp.
731 Weber #200
Colorado Springs, Co
80905
ATTN: Richard Hall

Doyle's Dome #1
31 17s 30w Lane Ks
Job Ticket: 31344 **DST#: 3**
Test Start: 2008.07.03 @ 17:50:26

GENERAL INFORMATION:

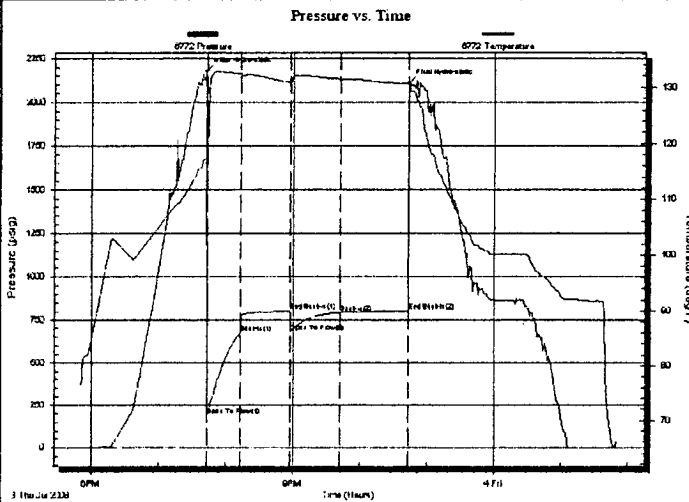
Formation: **Marmaton**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 19:42:51
Time Test Ended: 01:51:20
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4346.00 ft (KB) To 4378.00 ft (KB) (TVD)**
Reference Elevations: 2899.00 ft (KB)
Total Depth: 4378.00 ft (KB) (TVD) 2894.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6772

Inside

Press@RunDepth: 793.30 psig @ 4347.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.03 End Date: 2008.07.04 Last Calib.: 2008.07.04
Start Time: 17:50:26 End Time: 01:51:20 Time On Btm: 2008.07.03 @ 19:41:51
Time Off Btm: 2008.07.03 @ 22:43:05

TEST COMMENT: IF: BOB in 30 sec.
IS: BOB in 20 min.
FF: BOB in 3 min.
FS: Surface blow built to 1 in 60 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.25	117.36	Initial Hydro-static
1	189.67	117.14	Open To Flow (1)
31	674.42	132.42	Shut-In (1)
76	803.36	130.87	End Shut-In (1)
76	681.34	130.76	Open To Flow (2)
121	793.30	131.44	Shut-In (2)
181	802.96	130.65	End Shut-In (2)
182	2108.95	129.87	Final Hydro-static

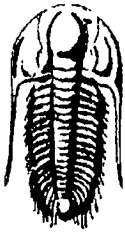
Recovery

Length (ft)	Description	Volume (bbl)
123.00	mcw 90%w 10%m	0.60
249.00	ocw m 40%o 30%w 30%m	3.48
1550.00	go 30%g 70%o	21.74
0.00	310 GIP	0.00

Gas Rates

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

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DRILL STEM TEST REPORT

H&M Petroleum Corp.

731 Weber #200
Colorado Springs, Co
80905

ATTN: Richard Hall

Doyle's Dome #1

31 17s 30w Lane Ks

Job Ticket: 31345

DST#: 4

Test Start: 2008.07.04 @ 12:36:25

GENERAL INFORMATION:

Formation: **Marmaton- Pawnee**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 14:50:20

Time Test Ended: 20:25:34

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4372.00 ft (KB) To 4416.00 ft (KB) (TVD)**

Total Depth: 4416.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2899.00 ft (KB)

2894.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772 Inside

Press@RunDepth: 212.53 psig @ 4373.00 ft (KB)

Start Date: 2008.07.04

End Date: 2008.07.04

Start Time: 12:36:25

End Time: 20:25:34

Capacity: 7000.00 psig

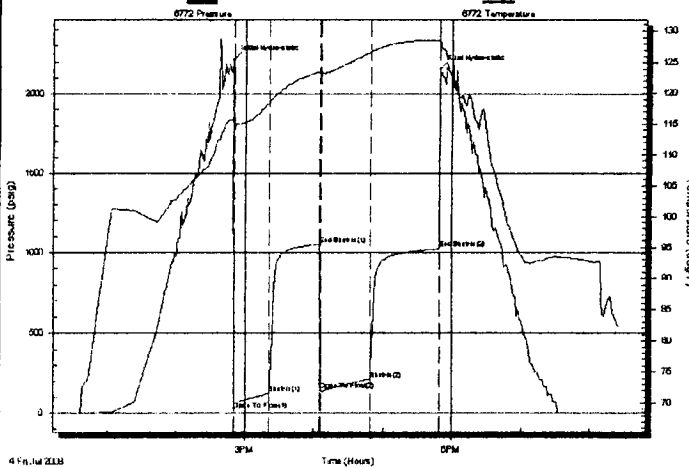
Last Calib.: 2008.07.04

Time On Btm: 2008.07.04 @ 14:49:20

Time Off Btm: 2008.07.04 @ 17:49:19

TEST COMMENT: IF: 1/4 blow BOB in 11 min.
IS: Surface blow built to 4 1/2 in 45 min.
FF: 1/4 blow BOB in 7 min.
FS: Surface blow BOB in 29 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.16	115.67	Initial Hydro-static
1	23.54	114.39	Open To Flow (1)
32	125.75	118.52	Shut-In(1)
76	1051.91	123.58	End Shut-In(1)
77	139.40	123.37	Open To Flow (2)
119	212.53	126.60	Shut-In(2)
180	1022.77	128.55	End Shut-In(2)
180	2157.50	128.84	Final Hydro-static

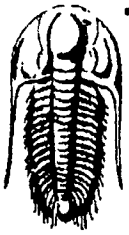
Recovery

Length (ft)	Description	Volume (bbl)
123.00	mcw 80%w 20%m	0.60
124.00	mcgo 40%g 20%o 40%m	1.74
248.00	go 10%g 90%o	3.48
0.00	558 GIP	0.00

Gas Rates

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

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DRILL STEM TEST REPORT

H&M Petroleum Corp.
731 Weber #200
Colorado Springs, Co
80905
ATTN: Richard Hall

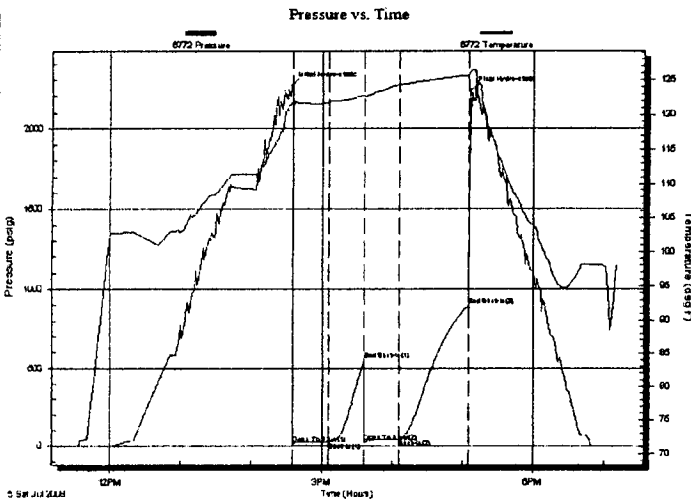
Doyle's Dome #1
31 17s 30w Lane Ks
Job Ticket: 31346 **DST#: 6**
Test Start: 2008.07.05 @ 11:33:35

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 14:35:30
Time Test Ended: 19:11:29
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4604.00 ft (KB) To 4538.00 ft (KB) (TVD)**
Reference Elevations: 2899.00 ft (KB)
Total Depth: 4538.00 ft (KB) (TVD) 2894.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6772 Inside
Press@RunDepth: 44.23 psig @ 4506.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.05 End Date: 2008.07.05 Last Calib.: 2008.07.05
Start Time: 11:33:35 End Time: 19:11:29 Time On Btm: 2008.07.05 @ 14:34:00
Time Off Btm: 2008.07.05 @ 17:06:44

TEST COMMENT: IF: 1/4 blow built to 1/2 died in 14 min.
IS: No return.
FF: Surface blow died in 20 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.74	121.66	Initial Hydro-static
2	15.69	120.97	Open To Flow (1)
33	27.00	121.88	Shut-In (1)
62	551.93	122.79	End Shut-In (1)
62	27.57	122.56	Open To Flow (2)
92	44.23	124.32	Shut-In (2)
151	899.52	125.72	End Shut-In (2)
153	2232.32	126.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10

Gas Rates

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

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SUMMARY

The Doyle's Dome No. 1 was drilled as a step out location to the northeast of the abandoned Manning Field which produced 80,850 BO from 1978-1996 from the Kansas City "K" and "L" Zone's. The Doyle's Dome No. 1 location was determined through a 3-D seismic survey shot over the area which defined a very high structural nose extending east/northeastward from the Manning Field. The 3-D seismic survey did not shoot across/include the Manning Field.

The Top/Lansing/Kansas City Group in the Doyle's Dome No. 1 was encountered 2 feet high and the Top/Marmaton Formation 3 feet high structurally to the highest oil producer in the Manning Field, the Dunne-Gardner Ramsey No. 1 (NE-NE-Section 1-T18S-R31W)/Reference Well "A".

The Doyle's Dome No. 1 is located approximately 11 miles west and 3 miles north of Deighton, Kansas. It is located approximately 0.5 mile east of the Scott/Lane County line.

The primary objectives in the Doyle's Dome No. 1 included the: Lansing "E" Zone, Kansas City "H", "I", "J", "K" and "L" Zones, and the Marmaton "A" and "B" Zone's. Secondary objectives included the Toronto, Lansing "B" and "D" Zone's, Pawnee, Ft. Scott, and Cherokee Johnson Zone's.

During drilling, five (5) open hole drill stem test's were run in the Doyle's Dome No.1. DST No. 1 isolated the Kansas City "K" Zone, DST No. 2 isolated the Upper Lansing "L" Zone, DST No. 3 tested the Marmaton "A", DST No. 4 covered the Marmaton "B"-Pawnee Formation's, and DST No. 5 isolated the Cherokee Johnson Zone.

The Doyle's Dome No. 1 well was spudded on June 27, 2008 and production casing was set on July 7, 2008. No significant drilling problems were encountered except for some lost circulation at 2,878 feet and 3,066 feet.

The well was under 24-hour geological supervision from 3,800 feet to 4,614 feet RTD. Wet and dry drilling samples were caught by the drilling crews from 3,800 feet to 4,614 feet RTD at 10-foot intervals. All lithologic descriptions were lagged to true depth by the consulting wellsite geologist.

Hydrocarbon Shows

Numerous significant oil sample shows were observed and recorded in the drill cuttings/samples during the drilling of the Doyle's Dome No. 1 well including:

-Lansing "D" Zone	Fair Show:	very minor oil staining, and live free oil
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-Kansas City "K" Zone	Good Show:	minor oil stain, minor show free live oil, milky live cut
-Kansas City "L" Zone	Good Show:	oil stain, show free oil, milky live cut
-Marmaton "A"	Good Show:	oil stain, free oil show, fair blue-white live cut
-Marmaton "B"	Good Show:	oil stain, minor show live free oil, blue-white live cut
-Pawnee	Fair Show:	slight oil stain, slight show free oil
-Ft. Scott	Fair Show:	oil stain, very minor show free oil, milky cut
-Lower Cherokee Lime	Fair Show:	oil stain, trace show free oil, fair milky cut
-Cherokee Johnson Zone	Fair Show:	oil stain, trace show free oil, blue-white live cut

The Lansing "D" Zone, Ft. Scott, and Lower Cherokee Limestone Formation's sample oil shows were not drill stem tested.

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 Doyle's Dome No. 1 runs structurally mixed throughout the well to relation to Reference Well "A" and structurally high throughout the well in relation to Reference Well's "B" and "C".

Compared to Reference Well "A"/Dunne-Gardner Ramsey No. 1 (NE-NE-Section 1-T18S-R31W), the key reference well in the Manning Field, the Doyle's Dome No. 1 runs: +5 feet high at the Stone Corral Anhydrite, +1 foot high at the Heebner Shale, +2 feet high at the Top/Lansing, +1 foot high at the Kansas City "K" Zone, +3 feet high at the Marmaton, -5 feet low at the Ft. Scott, -7 feet low at the Cherokee Johnson Zone, and -12 feet low at the Mississippian.

Compared to Reference Well's "B" and "C", the Doyle's Dome No 1 runs significantly higher structurally from +8 feet to +37 feet high throughout the well.

A structural comparison of the Formation Tops in this well, in relation to

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Reference Well's "A", "B", and "C", can be found in the detailed "Formation Tops" table in this geologic report.

Conclusion

The Doyle's Dome No. 1 well location was based a 3-D seismic survey indicating a northeastern/east structural nose extension of the Manning Field structure.

Numerous free oil sample shows were observed in the Lansing "D" Zone, Kansas City "K" and "L" Zones, the Marmaton "A" and "B" Zones, the Pawnee, Ft. Scott and Cherokee Johnson Zone Formation's. Based on Drill Stem Test results of free oil recoveries, potentially four (4) commercial pay zone's are present and developed in the Doyle's Dome No. 1 in the Kansas City "K", Kansas City "L", Marmaton "A", and Marmaton "B" Formation's. Only the Kansas City "L" Formation drill stem tested a recovery of free oil with no water.

Therefore, based on the very positive free oil recoveries and associated good-excellent shut in pressures on Drill Stem Test's No. 1, 2, 3, and 4, the flat to slightly high structural position relative to the highest well in the Manning Field and the confirming Log-Tech logs indicating good-excellent reservoir development, production casing was set to further test the commercial production capability of the Kansas City "K", Kansas City "L", Marmaton "A", and Marmaton "B" Formation's.

Respectfully Submitted,



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



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