

WHITEHALL EXPLORATION

WELLSITE GEOLOGICAL CONSULTING

GEOLOGICAL ANALYSIS & WELL REPORT

H & M Petroleum Corp.

TRIPLE CREEK No. 7

**2,310' FSL & 1,320' FEL
C-N/2-N/2-SE**

**Section 36 - Township 11 South - Range 23 West
Trego County, Kansas**

July 26, 2011

GENERAL INFORMATION

Elevation: G.L. 2,418' K.B. 2,423'
All measurements are from K.B.

Field: Bin Southwest

Drilling Contractor/Rig No.: WW Drilling/Rig 8

Total Depth: RTD: 4,150' LTD: 4,149'

Surface Casing: 8 5/8" set @ 220'

Production Casing: 4 1/2" et @ 4,146'

Drill Time Kept: 3,400'-4,150' RTD

Samples Examined: 3,400'-4,150' RTD

Geological Supervision: 3,400'-4,150' RTD

Wellsite Geologist: Randy Say
Consulting Wellsite Geologist

Drill Stem Tests: 1) Lansing "F" Zone - Open hole test
2) Kansas City "H"-**"K" Zone's** - Open hole test
4) Marmaton - Open hole test
5) Arbuckle - Open hole test

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

Electric Logging Company: Log-Tech

Log Suite Run: -Dual Induction
-Neutron/Density Porosity
-Microlog
-Sonic

Samples: Dry cut to Richard Hall

Total Depth Formation: Arbuckle

Well Status: Production casing set to production test the
Lansing "F" Zone and Marmaton Formations

DAILY DRILLING CHRONOLOGY

<u>2011 Date</u>	<u>7:00 A.M. Depth</u>	<u>24 Hour Footage</u>	<u>7:00 A.M. Operation; 24 Hour Activity</u>
07/11/11	0	0	MIRU; spud 12¼" hole @ 1:45 P.M., drilling to 221', circ., drop dev. survey, TOO, run 5 jts 8 5/8" surf. csg. set @ 220' w/150 sx (Quality) cement, cement did circ., WOC 8', drill out plug – drilling ahead w/7 7/8" bit.
07/12/11	750'	750'	Drilling ahead; jet and drilling.
07/13/11	2,672'	1,922'	Drilling ahead; jet and drilling, displace hole/mud up @ 2,966' (700 bbls), drilling, jet, drilling.
07/14/11	3,465'	793'	Drilling ahead; CFS @ 3,680', drilling ahead; CFS, drilling, CFS, drilling, CFS @ 3,760', short trip (2.25'), circ. 1', drop dev. survey, TOO strapping pipe, pick up test tool, TIH, run DST No. 1.
07/15/11	3,760'	295'	Running DST No. 1; TOO, lay down test tool, TIH w/bit, drilling, CFS, drilling, CFS @ 3,854', drilling, CFS @ 3,882', TOO, pick up test tool, TIH, run DST No. 2.
07/16/11	3,882'	122'	Running DST No. 2; TOO, lay down test tool, TIH w/bit, drilling, CFS @ 4,030', TOO, pick up test tool, TIH, run DST No. 3, TOO, lay down test tool, TIH w/bit, drilling.
07/17/11	4,070'	188'	Drilling ahead; CFS @ 4,100', TOO, pick up test tool, TIH, run DST No. 4, TOO, lay down test tool, TIH w/bit, drilling, reach 4,150' RTD (avg. 48.1'/hr w/ 7 7/8" bit), circ., drop dev. survey, TOO w/bit, rig up loggers, run open hole logs.
07/18/11	4,150'	80'	Logging; rig down loggers, WOO, TIH, circ., WO prod. csg, TOO laying down drill pipe, rig up csg. crew and run 99 jts 4½" prod. csg. set @ 4,146', cement 1 st stage w/180 sx, cement 2 nd stage w/240 sx (Swift).
07/19/11	4,150'	0'	Cementing prod. csg.; cement rat hole, plug down @ 8:00 A.M., rig released @ 10:00 A.M. 07/19/2011.

DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation (Degrees)</u>
221'	0.50
3,760'	0.75
4,150' RTD	0.75

REFERENCE WELLS

- Reference Well "A":
Vanmax Exploration
Brandenburg No. 1
NE-SE-NE
Section 36-T11S-R23W
Trego County, Kansas
KB: 2,408'
RTD: 4,152'
Date Drilled: July, 1985
TD Formation: Arbuckle
Status: Marmaton Fm. oil well
- Reference Well "B":
Vanmax Exploration
Hinshaw No. 1
NE-NE-SE
Section 36-T11S-R23W
Trego County, Kansas
KB: 2,420'
RTD: 4,152'
Date Drilled: June, 1984
TD Formation: Arbuckle
Status: Marmaton Fm. oil well-P & A
- Reference Well "B":
Bankoff Oil
Butcher No. 1
SW-SW-NW
Section 36-T11S-R23W
Trego County, Kansas
KB: 2,403'
TD: 4,771'
Date Drilled: March, 1976
TD Formation: Kansas City
Status: Dry & Abandoned

FORMATION TOPS

	TRIPLE CREEK No. 7			Brandenburg No. 1	Hinshaw No. 1	Butcher 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	1857	1855	+568	NA	+566	+571	NA	+2	-3
PENNSYLVANIAN									
Topeka	3420	3418	-995	NA	-1000	NA	NA	+5	NA
Heebner Shale	3636	3636	-1213	-1212	-1217	-1219	-1	+4	+6
Lansing "A"	3670	3670	-1247	-1250	-1254	-1257	+3	+7	+10
Lansing "F"	3754	3757	-1334	-1332	-1336	NDE	-2	+2	NA
Muncie Creek Shale	3800	3800	-1377	-1376	-1380	NDE	-1	+3	NA
Base/Kansas City	3908	3907	-1484	-1485	-1482	NDE	+1	-2	NA
Marmaton	4006	4006	-1583	-1580	-1580	NDE	-3	-3	NA
ORDIVICIAN									
Arbuckle	4086	4107	-1684	-1686	-1668	NDE	+2	-16	NA

ZONES OF INTEREST

<u>Formation</u>	<u>Log Depth</u>	<u>Lithologic & Show Descriptions, Remarks</u>
Lansing "F"	3,948'-3,956'	<p>Limestone, tan-cream, very fine crystalline-granular, friable-firm, occasional dolomitic and grainstone development, slightly cherty in part, scattered fossil and pyrite, fair-poor (chalky) porosity, VERY GOOD SHOW: very slight gassy odor, good medium-bright yellow fluorescence-40%, uneven oil stain-20%, good show free live brown oil/break, immediate streaming medium yellow live cut, light tan dried ring/halo fluorescence.</p> <p>Drill Stem Test No. 1 isolated the Lansing "F" Zone on an open hole test and on a 45 minute total flow period recovered 405 feet of gas in pipe and 140 feet of total fluid consisting of: 45 feet of free gassy oil (20% gas, 80% oil, 37 degree API gravity), 65' of very gassy oil (40% gas, 60% oil), and 30 feet of gassy mud cut oil (45% gas, 35% oil, 20% mud) with flow pressures of 20-33 and 44-58 p.s.i. and shut-in pressures of 363-350 p.s.i.</p> <p>Log-Tech open hole logs show this zone has a very clean gamma ray signature, fair SP development, maximum 4-6% neutron porosity, 5-15% density porosity, maximum 3% sonic porosity, 4 feet of microlog development (3,757-3,761 feet), and has a maximum deep resistivity of 36 ohms.</p>
Marmaton	4,029'-4,037'	<p>Limestone, light gray in part-predominately tan to cream, micro crystalline, firm-hard/dense, cherty, chalky, slightly fossiliferous, pyrite inclusions, poor tight inter-crystalline porosity, INTERMEDIATE SHOW: moderate oil odor, medium yellow fluorescence-10%, trace dark brown spotty oil stain, light yellow slow crush cut-10%, light tan residual dried ring/halo fluorescence.</p> <p>The Marmaton Formation was isolated on Drill Stem Test No. 3 and recovered 1 foot of fluid consisting of oil cut mud (20% oil, 80% mud) with flow pressures of 13-16 and 18-24 p.s.i. and shut-in pressures of 38-36 p.s.i.</p> <p>Log-Tech open hole logs show this formation has a moderately clean gamma ray signature, fair SP</p>

development, maximum 9-10% neutron porosity, maximum 15% density porosity, 10-14% sonic porosity, 5 feet of microlog development (4,020-4,025 feet), and has a maximum deep resistivity of 18 ohms.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&M Petroleum Corp.
13570 Meadow grass
Dr STE 120 Colorado springs
CO 80921
ATTN: Randy

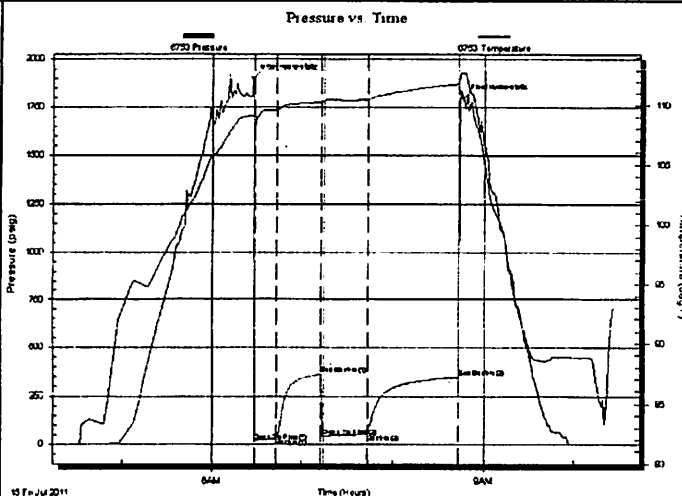
Triplecreek #7
36-11-23, Trego, KS
Job Ticket: 43915 DST#: 1
Test Start: 2011.07.15 @ 04:30:10

GENERAL INFORMATION:

Formation: KC"F"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:28:40
Time Test Ended: 10:26:40
Interval: 3740.00 ft (KB) To 3760.00 ft (KB) (TVD)
Total Depth: 3760.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47
Reference Elevations: 2423.00 ft (KB)
2418.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 Outside
Press@RunDepth: 58.04 psig @ 3744.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.07.15 End Date: 2011.07.15 Last Calib.: 2011.07.15
Start Time: 04:30:10 End Time: 10:26:40 Time On Btm: 2011.07.15 @ 06:27:10
Time Off Btm: 2011.07.15 @ 08:46:10

TEST COMMENT: IF-BOB in 9min
IS-No blow
FF-BOB in 12min
FSI-1/2in blow died in 35min



PRESSURE SUMMARY

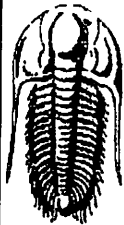
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1899.98	109.10	Initial Hydro-static
15	19.79	108.17	Open To Flow (1)
16	33.29	109.59	Shut-In(1)
30	46	110.22	End Shut-In(1)
47	44.19	110.39	Open To Flow (2)
30	76	110.50	Shut-In(2)
60	136	111.81	End Shut-In(2)
139	1796.34	112.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GMCO 45%G 35%O 20%M	0.15
65.00	VGO 40%G 60%O	0.32
45.00	GO 20%G 80%O	0.38
0.00	405ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&M Petroleum Corp.
13570 Meadow grass
Dr STE 120 Colorado springs
CO 80921
ATTN: Randy

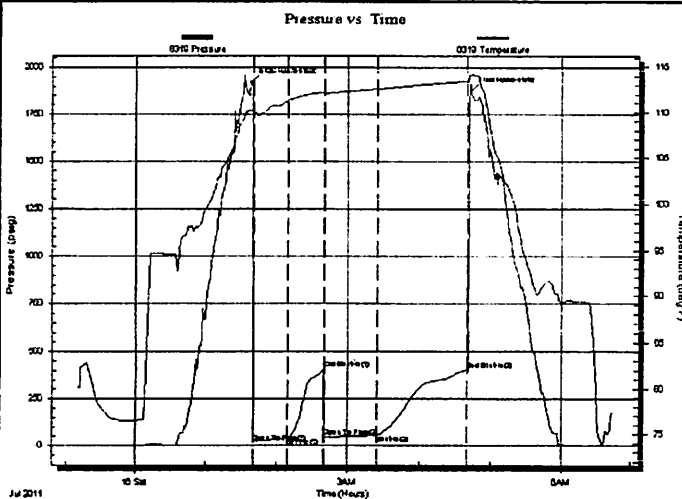
Triplecreek #7
36-11-23, Trego, KS
Job Ticket: 43916 **DST#: 2**
Test Start: 2011.07.15 @ 23:10:22

GENERAL INFORMATION:

Formation: **KC"H-K"**
Deviated: **No Whipstock:** **ft (KB)**
Time Tool Opened: **01:40:52**
Time Test Ended: **06:44:22**
Interval: **3792.00 ft (KB) To 3882.00 ft (KB) (TVD)**
Total Depth: **3882.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Brett Dickinson**
Unit No: **47**
Reference Elevations: **2423.00 ft (KB)**
2418.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: **8319** **Inside**
Press@RunDepth: **57.48 psig @ 3796.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.07.15** End Date: **2011.07.16** Last Calib.: **2011.07.16**
Start Time: **23:10:22** End Time: **06:44:22** Time On Btrr: **2011.07.16 @ 01:38:52**
Time Off Btrr: **2011.07.16 @ 04:43:22**

TEST COMMENT: IF-.25in blow
IS-No blow
FF-.25in blow
FSI-No blow



PRESSURE SUMMARY

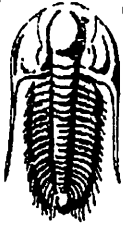
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1921.57	110.22	Initial Hydro-static
2	17.23	109.68	Open To Flow (1)
30	31	111.28	Shut-In(1)
30	62	409.03	End Shut-In(1)
45	63	45.70	Open To Flow (2)
75	107	57.48	Shut-In(2)
75	182	404.15	End Shut-In(2)
185	1876.48	114.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
69.00	V SOWCM 5% O 10% W 85% M	0.34
1.00	Free oil	0.00

Gas Rates

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



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TESTING, INC**

DRILL STEM TEST REPORT

H&M Petroleum Corp.
13570 Meadow grass
Dr STE 120 Colorado springs
CO 80921
ATTN: Randy

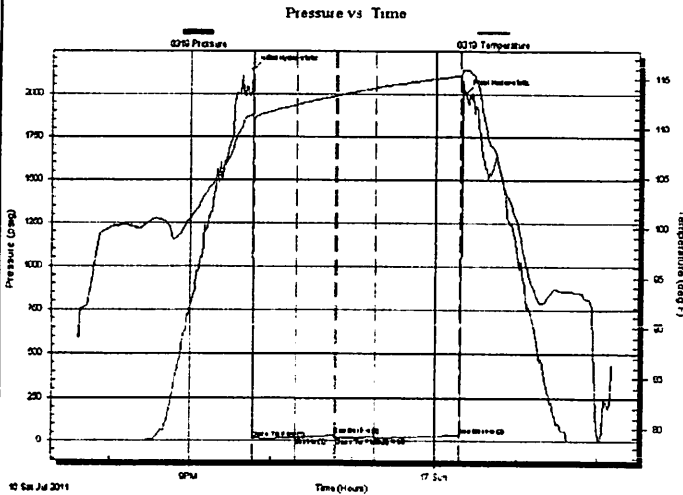
Triplecreek #7
36-11-23, Trego, KS
Job Ticket: 43917 DST#: 3
Test Start: 2011.07.16 @ 19:35:55

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: **21:46:55**
Time Test Ended: **02:10:55**
Interval: **4018.00 ft (KB) To 4030.00 ft (KB) (TVD)**
Total Depth: **4030.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Brett Dickinson**
Unit No: **47**
Reference Elevations: **2423.00 ft (KB)**
2418.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 8319 Inside
Press@RunDepth: **23.99 psig @ 4019.00 ft (KB)**
Start Date: **2011.07.16** End Date: **2011.07.17**
Start Time: **19:35:55** End Time: **02:10:55**
Capacity: **8000.00 psig**
Last Calib.: **2011.07.17**
Time On Btm: **2011.07.16 @ 21:45:55**
Time Off Btm: **2011.07.17 @ 00:21:25**

TEST COMMENT: IF-Very weak surface blow died in 7min
IS-No blow
FF-No blow
FS-No blow



PRESSURE SUMMARY

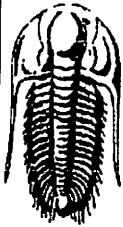
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2136.97	111.51	Initial Hydro-static
30 1	13.06	110.52	Open To Flow (1)
30 32	16.45	112.37	Shut-In(1)
30 61	37.53	113.28	End Shut-In(1)
30 62	17.56	113.33	Open To Flow (2)
30 90	23.99	114.10	Shut-In(2)
60 152	36.43	115.37	End Shut-In(2)
156	2001.90	115.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	OCM 20%O 80%M	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

H&M Petroleum Corp.

13570 Meadow grass
Dr STE 120 Colorado springs
CO 80921
ATTN: Randy

Triplecreek #7

36-11-23, Trego, KS

Job Ticket: 43918

DST#: 4

Test Start: 2011.07.17 @ 11:55:03

GENERAL INFORMATION:

Formation: Arb

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:32:33

Time Test Ended: 17:08:33

Interval: 4076.00 ft (KB) To 4100.00 ft (KB) (TVD)

Total Depth: 4100.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Reference Elevations: 2423.00 ft (KB)

2418.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8319

Inside

Press@RunDepth: 22.56 psig @ 4084.00 ft (KB)

Start Date: 2011.07.17

End Date:

2011.07.17

Capacity: 8000.00 psig

Last Calib.: 2011.07.17

Start Time: 11:55:03

End Time:

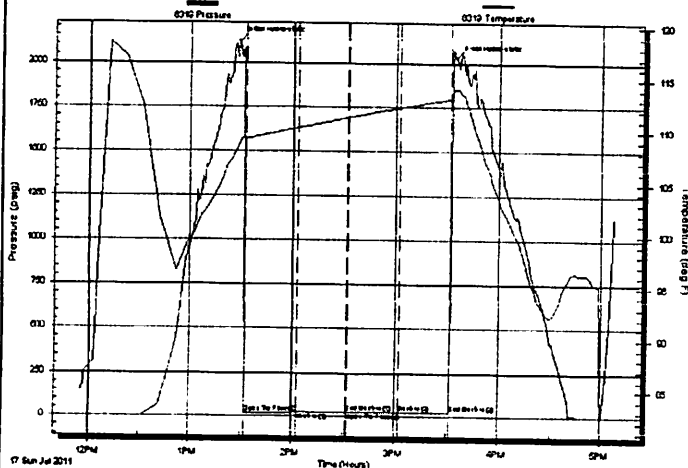
17:08:33

Time On Btm: 2011.07.17 @ 13:28:33

Time Off Btm: 2011.07.17 @ 15:34:33

TEST COMMENT: IF-No blow
IS-No blow
FF-No blow
FSI-No blow

Pressure vs Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2119.57	108.83	Initial Hydro-static
30 4	16.25	109.26	Open To Flow (1)
30 35	20.97	110.38	Shut-in(1)
30 63	23.09	111.34	End Shut-in(1)
30 64	21.66	111.35	Open To Flow (2)
30 94	22.56	112.29	Shut-in(2)
30 123	23.42	113.12	End Shut-in(2)
126	2028.12	114.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Oilspotted mud	0.00

Gas Rates

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

SUMMARY

The Triple Creek No. 7 location was based on interpretation of the Triple Creek Prospect 3-D seismic data survey which covered all of Section 36-T11S-R23W (640 acres). The seismic indicated a significant, but small, structural closure located in the northern part of the SE/4-Section 36-T11S-R23W.

The well location is less than 1/4 of a mile west of the Vanmax Exploration Hinshaw No. 1 (NE-NE-SE-Section 36-T11S-R23W), an abandoned Marmaton Formation oil well which produced 7,055 BO from 1984 to 1993 and is slightly more than ¼ mile southwest of the Vanmax Exploration Brandenburg No. 1 (NE-SE-NE-Section 36-T11S-R23W), an inactive Marmaton Formation oil well that has produced 17,117 BO to date since 1985.

The 3-D seismic indicated the Triple Creek No. 7 location should encounter the primary objective Lansing/Kansas City Group and Marmaton Formation's significantly higher structurally to the Vanmax Exploration Brandenburg No.1 and Hinshaw No. 1 oil wells. Post drilling log analysis confirms that the Triple Creek No. 7 gained only moderate structural gain to the Brandenburg No.1 and Hinshaw No.1 offset wells (+3 feet and +7 feet, respectively) at the Top/Lansing and near flat at the Base/Kansas City (+1 foot and -2 feet, respectively), before running -3 feet low to both the Brandenburg No.1 and Hinshaw No. 1 wells at the Top/Marmaton Formation. Despite the structural position of the Triple Creek No. 7 relative to the offsetting correlation wells, a drill stem test of the Lansing "F" Zone recovered gas in pipe and water free gassy oil in a stratigraphic trap.

The Triple Creek No. 7 test well is located in north central Trego County, Kansas approximately 3 miles east and 1.5 miles north of Wakeeney, Kansas. It is located 3.5 miles north of I-70.

The primary objectives in the Triple Creek No. 7 included the Lansing "A" and "F" Zone's, the Kansas City "J" and "K" Zone's, and the Marmaton Formation. Secondary objectives included the remaining Lansing/Kansas City Zone's, and the Arbuckle Formation.

Four (4) open hole drill stem test's were run in the Triple Creek No. 7. DST No. 1 isolated the Lansing "F" Zone and recovered 405 feet of gas in pipe and 140 feet of total fluid consisting of 45 feet of gassy oil, 65 feet of very gassy oil, and 30 feet of gassy mud cut oil with SIP's of 363-350 p.s.i. DST No. 2 tested the Kansas City "H"- "K" Zones and recovered 1 foot of free oil and 69 feet of very slightly oil & water cut mud (85% oil) and had SIP's of 409-404 p.s.i.. DST No. 3 isolated the Marmaton Formation and tested tight recovering 1 foot of oil cut mud with SIP's of 38-36 p.s.i. (Note: the Marmaton typically drill stem tests poorly in this area). DST No. 4 isolated the upper Arbuckle Formation and tested tight recovering 1 foot of oil spotted mud with SIP's of 23-23 p.s.i.

The Triple Creek No. 7 well was spudded on June 11, 2011, and 4 1/2" production casing was set on July 19, 2011 after reaching total depth in the Arbuckle Formation. No significant drilling problems were encountered during the drilling of this well.

The well was under 24-hour geological supervision from 3,400 feet to 4,150 feet RTD. Wet and dry drilling samples were caught by the drilling crews from 3,400 feet to 4,150 feet RTD at 10-foot intervals. All lithologic descriptions were lagged to true depth by the consulting wellsite geologist.

Hydrocarbon Shows

Several significant oil sample shows were observed and recorded in the drill cuttings during the drilling of the Triple Creek No. 7 and included:

- | | | |
|------------------------|--------------------|---|
| -Lansing "F" Zone: | Very Good Show: | very slight gassy odor, medium bright yellow fluorescence, uneven oil stain, good show free brown oil on break, immediate medium yellow streaming live, light tan dried ring/halo residual cut (Lansing "F" Zone isolated on DST No. 1) |
| -Kansas City "I" Zone: | Fair Show: | light yellow fluorescence, uneven oil stain, slow milky live cut (Kansas City "I" Zone included on DST No. 2) |
| -Kansas City "K" Zone: | Intermediate Show: | medium yellow fluorescence, trace brown oil stain, show light tan visual free oil, immediate light yellow live cut (Kansas City "K" Zone included on DST No. 2) |
| -Kansas City "L" Zone: | Intermediate Show: | medium yellow fluorescence, uneven brown oil stain, show brown oil in vug, slow streaming to milky medium yellow live cut, tan dried halo cut (this zone was not drill stem tested) |
| -Marmaton: | Intermediate Show: | moderate oil odor, medium yellow very fluorescence, trace spotty dark brown oil stain, light yellow slow crush cut, light tan dried residual halo fluorescence (Marmaton isolated on DST No. 3) |
| -Arbuckle: | Intermediate Show: | medium yellow fluorescence, uneven oil stain, asphaltic spotted free oil, immediate slow streaming medium |

yellow live cut, very light tan dried
halo cut (Arbuckle isolated on DST
No. 4)

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 Triple Creek No. 7 runs structurally mixed in relation to Reference Well's "A", "B", and "C".

Compared to Reference Well "A"/Vanmax Exploration Brandenburg No. 1, the Triple Creek No. 7 runs: -1 foot low at the Heebner Shale, +3 feet high at the Top/Lansing "A", -1 foot low at the Muncie Creek Shale, +1 foot high at the Base/Kansas City, -3 feet low at the Marmaton, and +2 feet high at the Arbuckle.

Compared to Reference Well "B"/Vanmax Exploration Hinshaw No. 1, the Triple Creek No. 7 runs: +2 feet high at the Stone Corral Anhydrite, +4 feet high at the Heebner Shale, +7 feet high at the Top/Lansing "A", +3 feet high at the Muncie Creek Shale, -2 feet low at the Base/Kansas City, -3 feet low at the Marmaton, and -16 feet low at the Arbuckle.

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

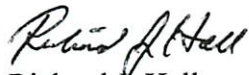
The Triple Creek No. 7 test well location was determined through a 640 acre 3-D seismic survey which indicated a structural closure located in the N/2 of the SE/4 of Section 36-T11S-R23W and up dip structurally from two abandoned/inactive Marmaton oil producers. Log-Tech logs confirm that the Triple Creek No. 7 location did not gain the structural position indicated by the 3-D seismic interpretation and actually runs structurally mixed (structurally high at some Formation's and structurally low at other Formation's) or approximately flat to the offsetting Reference Wells "A" and "B".

However, several free oil sample shows were observed in the Lansing "F" Zone, the Kansas City "K" and "L" Zone's, and the Arbuckle Formation with all of these free oil shows being included on one of the 4 drill stem tests.

DST No. 1 isolated the Lansing "F" Zone, and recovered 405 feet of gas in pipe and 140 feet of total fluid consisting of 45 feet of gassy oil (20% gas, 80% oil), 65 feet of very gassy oil (40% gas, 60% oil), and 30 feet of gassy mud cut oil (45% gas, 35% oil, 20% mud) with SIP's of 363-350 p.s.i. DST No. 2 (Kansas City "H"- "K" Zone's) recovered 1 foot of free oil and 69 feet of very slightly oil & water cut mud with SIP's of 409-404 p.s.i. DST No. 3 (Marmaton) and DST No. 4 (Arbuckle) both tested tight.

Based on the (water free) gassy oil fluid recovery on DST No. 1 from the Lansing "F" Zone and the proximity to Marmaton Formation oil production, 4½" production casing was set in the Triple Creek No. 7 to production test the commercial viability of the Lansing "F" Zone and the Marmaton Formation. The Kansas City "J" Zone should be tested through pipe prior to abandoning the well based on Log-Tech log analysis.

Respectfully Submitted,



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