

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

ORIGINAL

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, Inc.
Wellsite Geologist: Richard Bell
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.: _____
12/16/2008 12/28/2008 12/29/2008
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 065-23520-00-00
Spot Description: _____
E2 SE SW Sec. 4 Twp. 8 S. R. 23 East West
660 Feet from North / South Line of Section
2,310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Graham
Lease Name: Sand Creek Well #: 5
Field Name: Wildcat
Producing Formation: Lansing "C" & "D" Zones
Elevation: Ground: 2306' Kelly Bushing: 2311'
Total Depth: 3855' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 5 jts @ 210' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1940 Feet
If Alternate II completion, cement circulated from: 1940
feet depth to: Surface w/ 175 sx cmt.

Drilling Fluid Management Plan AH II NR 9-28-09
(Data must be collected from the Reserve Pit)
Chloride content: 1,000 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: _____
Title: Office Manager Date: 08/24/2009
Subscribed and sworn to before me this 24 day of August,
09.
Notary Public: _____
Date Commission Expires: 4/13/2013

ALEXASH MITCHEK
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 04/13/2013

KCC Office Use ONLY
Y Letter of Confidentiality Received
If Denied, Yes Date: 9/28/09
Wireline Log Received _____
Geologist Report Received
LIC Distribution _____

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Operator Name: H & M Petroleum Corporation Lease Name: Sand Creek Well #: 5
 Sec. 4 Twp. 8 S. R. 23 East West County: Graham

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: DI, CN, Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1972</td> <td>+340</td> </tr> <tr> <td>Topeka</td> <td>3334</td> <td>-1023</td> </tr> <tr> <td>Heebner Shale</td> <td>3543</td> <td>-1232</td> </tr> <tr> <td>Lansing "A"</td> <td>3585</td> <td>-1274</td> </tr> <tr> <td>Lansing "D"</td> <td>3627</td> <td>-1316</td> </tr> <tr> <td>Muncie Creek Shale</td> <td>3693</td> <td>-1382</td> </tr> <tr> <td>Stark Shale/Base Kansas City</td> <td>3760/3794</td> <td>-1449/-1483</td> </tr> </table>	Name	Top	Datum	Anhydrite	1972	+340	Topeka	3334	-1023	Heebner Shale	3543	-1232	Lansing "A"	3585	-1274	Lansing "D"	3627	-1316	Muncie Creek Shale	3693	-1382	Stark Shale/Base Kansas City	3760/3794	-1449/-1483
Name	Top	Datum																							
Anhydrite	1972	+340																							
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Lansing "A"	3585	-1274																							
Lansing "D"	3627	-1316																							
Muncie Creek Shale	3693	-1382																							
Stark Shale/Base Kansas City	3760/3794	-1449/-1483																							

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 5/5"	24#	210'	Common	165	6% CC/4% Gel
Production	7 7/8"	5 1/2"	15.5#	3851'	EA2	175	10% Salt/2% Cal

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3782'-3784'	Shot	3724'
4	3778'-3780'	Shot	3780'
	CIPB set @ 3760'	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED SEP 18 2009 </div>	

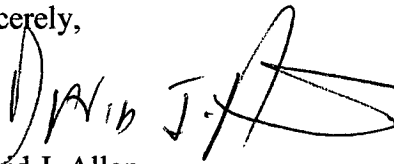
TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3783'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> KCC WICHITA </div>
Date of First, Resumed Production, SWD or Enhr. <u>02/18/2009</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 Bbbls. <u>3</u>	Gas Mcf <u>0</u>	Water Bbbls. <u>15</u>	Gas-Oil Ratio	Gravity <u>29.70</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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08/24/2009

I would like to request the maximum confidentiality of 2 years before releasing information on side two of the Sand Creek #5 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

SCHIPPERS OIL FIELD SERVICE L.L.C.

303

1740

SEC. 4	RANGE/TWP. 8/23	CALLED OUT	ON-LOCATION	JOB START	JOB FINISH
LEASE Sand Creek				COUNTY 41	STATE KS
					WELL # 5

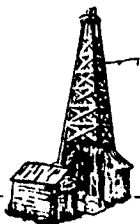
CONTRACTOR	VV8	OWNER	H-M		
TYPE OF JOB	Sand				
HOLE SIZE	12 1/4	T.D.	2-1		
CASING SIZE		DEPTH			
TUBING SIZE		DEPTH			
DRILL PIPE		DEPTH			
TOOL		DEPTH			
PRES. MAX		MINIMUM		COMMON	165 @ 14" 2-1/2
DISPLACEMENT	12.566	SHOE JOINT		POZMIX	@
CEMENT LEFT IN CSG.	12 2000			GEL	4 @ 25" 100
PERFS				CHLORIDE	6 @ 51" 312
				ASC	@
EQUIPMENT					@
					@
PUMP TRUCK					@
#	Duck				@
BULK TRUCK					@
#	Dav				@
BULK TRUCK					@
#					@
					@
		HANDLING	175		@ 1" 2-1/2
		MILEAGE	37		@ 1" 2-1/2
					TOTAL

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REMARKS	SERVICE	Santa	
	DEPT OF JOB		@
	PUMP TRUCK CHARGE		@ 950
	EXTRA FOOTAGE		@
	MILEAGE	37	@ 6 700
	MANIFOLD		@
			@
			TOTAL

CHARGE TO:	H-M
STREET	STATE
CITY	ZIP

PLUG & FLOAT EQUIPMENT	6 1/8
	@ 69



WHITEHALL EXPLORATION

WELLSITE GEOLOGICAL CONSULTING

GEOLOGICAL ANALYSIS & WELL REPORT

H & M Petroleum Corporation

Sand Creek No. 5

660' FSL & 2,310' FWL
Approximately E/2-SE-SW
Section 4-Township 8 South-Range 23 West
Graham County, Kansas

January 2, 2009

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GENERAL INFORMATION

Elevation: G.L. 2,306' K.B. 2,311'
All measurements are from K.B.

Field: Wildcat

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

Total Depth: RTD: 3,855' LTD: 3,858'

Surface Casing: 8 5/8" @ 210'

Production Casing: 5 1/2" @ 3,851'

Drill Time Kept: 3,300'-3,855' RTD

Samples Examined: 3,300'-3,855' RTD

Geological Supervision: 3,300'-3,855' RTD

Wellsite Geologist: Richard Bell - Hill City, KS
Consulting Wellsite Geologist

Drill Stem Tests: 1) Lansing "C"- "D" - Open hole test
2) Lansing "I"- "J" - Open hole test

Mud Company/Mud Type: Morgan Mud/Chemical

Electric Logging Company: Log-Tech

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

Samples: Examined and discarded

Total Depth Formation: Base/Kansas City

Well Status: Production casing set

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DAILY DRILLING CHRONOLOGY

<u>2008 Date</u>	<u>7:00 A.M. Depth</u>	<u>24 Hour Footage</u>	<u>7:00 A.M. Operation; 24 Hour Activity</u>
12/16/08	0'	0'	MIRU; drill rat hole, spud @ 1:30 P.M., drill surf. hole, circ., TOOH, run 5 jts 8 5/8" surf. csg. set @ 210' w/165 sx cement, plug down @ 7:30 P.M., WOC 8', drill out plug @ 3:30 A.M. - 12/17/08, drilling.
12/17/08	665'	665'	Drilling ahead; jet, drilling.
12/18/08	2,776'	2,111'	Drilling ahead; jet, drilling, displace/mud up @ 2,873' (600 bbls), drilling to 2,993', short trip to collars (3.25'), drilling to 3,208', circ., TOOH, drain/winterize rig - shut down.
12/19/08	3,208'	432'	Rig shut down for maintenance and Christmas.
12/26/08	3,208'	0'	De-winterize rig; drilling @ 10:30 A.M., start geologic supervision @ 3,300', drilling, CFS @ 3,628', drilling, CFS @ 3,638', short trip, circ., TOOH strapping pipe, make up test tool, TIH, run DST No. 1.
12/27/08	3,638'	430'	Running DST No. 1; TOOH, lay down test tool, TIH w/bit, drilling, CFS @ 3,722', drilling, CFS @ 3,737', drilling, CFS @ 3,758', TOOH, make up test tool, TIH, run DST No. 2, TOOH, lay down test tool.
12/28/08	3,758'	120'	Trip In Hole w/bit; drilling, CFS @ 3,773', drilling, reach 3,855' RTD, short trip 20 stands, circ., TOOH, rig up loggers, run Log-Tech logs (8:30 P.M.-12:45 A.M. - 12/29/08), rig down loggers, TIH, TOOH laying down drill pipe.
12/29/08	3,855'	97'	Trip Out Of Hole laying down drill pipe; rig up csg. crew, run 92 jts 5 1/2" prod. csg. set @ 3,851' (4' off bottom), cement csg. - plug down @ 10:30 A.M., rig released @ 12:30 P.M.

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DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation (Degrees)</u>	<u>Method</u>
211'	0.75	dropped
3,208'	1.0	dropped
3,855'	1.0	dropped

REFERENCE WELLS

Reference Well "A": A. Scott Ritchie
 Jones "D" No. 1
 NW-NW-SE
 Section 4-T8S-R23W
 Graham Co, KS
 KB: 2,308'
 LTD: 3,825'
 Date Drilled: September 1982
 TD Formation: Base/Kansas City
 Status: Abandoned oil well (175 BO cumulative-1982)

Reference Well "B": Halliburton Oil Production Co.
 Chestnut No. 1
 SW-NE-SW
 Section 4-8S-23W
 Graham Co, KS
 KB: 2,311
 RTD: 3,815' (No log run)
 Date Drilled: May, 1972
 TD Formation: Base/Kansas City
 Status: Dry & Abandoned

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FORMATION TOPS

FORMATION	Sand Creek No. 5			Jones "D" No. 1	Chestnut No. No. 1				
	SAMPLE	ELECTRIC LOG		REFERENCE	REFERENCE	REFERENCE	DIFFERENCE TO		
	TOPS	TOPS	DATUM	WELL "A"	WELL "B"	WELL "C"	WELL "A"	WELL "B"	WELL "C"
PERMIAN									
Anhydrite	1972	1972	+340	+339	+336		+1	+4	
PENNSYLVANIAN									
Topeka	3334	3334	-1023	-1019	-1028		-4	+5	
Heebner Shale	3543	3543	-1232	-1232	-1235		FLAT	+3	
Lansing "A"	3585	3585	-1274	-1273	-1278		-1	+4	
Lansing "D"	3624	3627	-1316	-1320	NA		+4	NA	
Muncie Creek Shale	3692	3693	-1382	-1384	NA		+2	NA	
Stark Shale	3761	3760	-1449	-1448	NA		-1	NA	
Base/Kansas City	3794	3794	-1483	-1482	-1487		-1	+4	

NA = Not Available

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ZONES OF INTEREST

<u>Formation</u>	<u>Log Depth</u>	<u>Lithologic & Show Descriptions, Remarks</u>
Lansing "C"	3,616'-3,621'	<p>Limestone, white-tan, mostly dense, fine crystalline, slightly chalky, abundant white-tan chert, trace pin point porosity, INTERMEDIATE SHOW: spotty dark brown oil stain, thick black stringy show free oil, trace floating free oil.</p> <p>DST No. 1 covered the Lansing "C" and "D" Zone's and recovered 183 feet of total fluid consisting of 30 feet of clean oil, 30 feet of mud cut oil (40% mud, 60% oil), and 123 feet of oil cut mud (20% oil, 80% mud) with shut in pressures of 560-584 p.s.i.</p> <p>Log-Tech logs show this interval has a moderately clean gamma ray response, fair SP development, one foot of microlog development, maximum 10.5% density porosity, maximum 7% neutron porosity, 4 feet of neutron/density crossover, and has a maximum 23 ohms deep resistivity.</p>
Lansing "D"	3,627'-3,630'	<p>Limestone, white-tan, fine crystalline, slightly chalky, oolitic, pin point porosity with trace vuggy porosity, GOOD SHOW: fair light brown spotty oil stain, fair pin point show free oil/broken.</p> <p>This zone was covered on DST No. 1 with the Lansing "C" zone and recovered 183 feet of total fluid consisting of 30 feet of clean oil, 30 feet of mud cut oil (40% mud, 60% oil), and 123 feet of oil cut mud (20% oil, 80% mud) with shut in pressures of 560-584 p.s.i.</p> <p>Log-Tech logs show this zone has a very clean blocky gamma ray response, no SP development, one foot of microlog development at the top of the zone, 7-9% density porosity, 7-10% neutron porosity, and has a maximum 20 ohms deep resistivity over this interval.</p>
Lansing "F"	3,654'-3,661'	<p>Limestone, white-tan, fine crystalline, very chalky, trace oolitic, gray chert, some vuggy porosity, SLIGHT SHOW: spotty light oil stain.</p> <p>This zone was most dull stem tested.</p> <p>Log-tech logs show this zone has an extremely clean gamma ray, has excellent SP development,</p>

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maximum 13% neutron and density porosity, and calculates wet with a maximum 7 ohms deep resistivity.

Kansas City "J" 3,748'-3,752'

Limestone, white-tan, fine crystalline, chalky, scattered oolites, pin point-vuggy porosity, (not connected-poor permeability), INTERMEDIATE SHOW: black spotty stain with black stringy show free oil.

DST No. 2 tested the Kansas City "I"- "J" Zone's and tested tight recovering one foot of mud with shut in pressures of 23-25 p.s.i.

Log-Tech logs show this zone has a very clean gamma ray response, no SP or microlog development, has shoulder porosity of 6-10% neutron porosity and 2-10% density porosity, and has a maximum 16 ohms deep resistivity over this interval.

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&M
13570 Meadow grass Dr
Suite 101
Colorado Springs, Co 80921
ATTN: Richard Bell

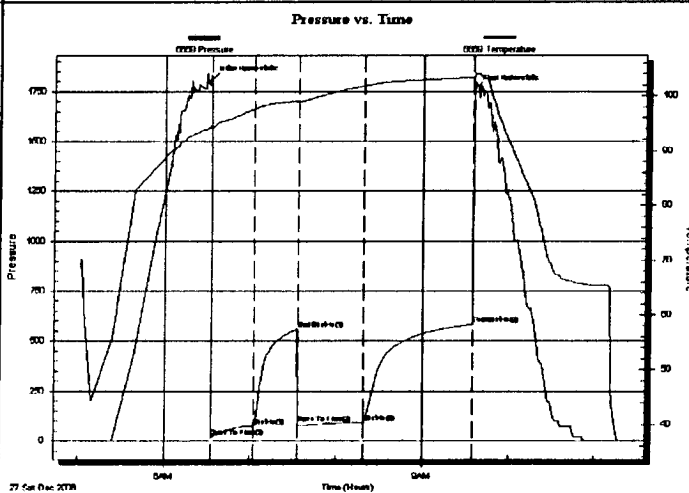
Sand Creek #5
4-8s-23w Graham KS
Job Ticket: 34932 DST#: 1
Test Start: 2008.12.27 @ 05:02:09

GENERAL INFORMATION:

Formation: **LKC "C-D"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:32:54
Time Test Ended: 11:16:54
Interval: **3600.00 ft (KB) To 3638.00 ft (KB) (TVD)**
Total Depth: 3638.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44
Reference Elevations: 2311.00 ft (KB)
2306.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6669 **Inside**
Press@RunDepth: 93.17 psig @ 3604.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.12.27 End Date: 2008.12.27 Last Calib.: 2008.12.27
Start Time: 05:02:10 End Time: 11:16:54 Time On Btm: 2008.12.27 @ 06:32:39
Time Off Btm: 2008.12.27 @ 09:35:54

TEST COMMENT: FP-Weak blow built to 9"
ISI-no blow back
FFP-Weak blow built to 9"
FSI-Very weak surface blow died in 7 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1811.45	94.57	Initial Hydro-static
1	19.01	94.15	Open To Flow (1)
30	70.82	97.61	Shut-In(1)
61	560.08	99.08	End Shut-In(1)
61	84.69	98.84	Open To Flow (2)
107	93.17	101.82	Shut-In(2)
183	584.35	103.39	End Shut-In(2)
184	1763.65	103.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
123.00	OCM 20%O,80%M	0.60
30.00	MCO 60%O,40%M	0.43
30.00	CO	0.43

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&M
13570 Meadiow grass Dr
Suite 101
Colorado Springs, Co 80921
ATTN: Richard Bell

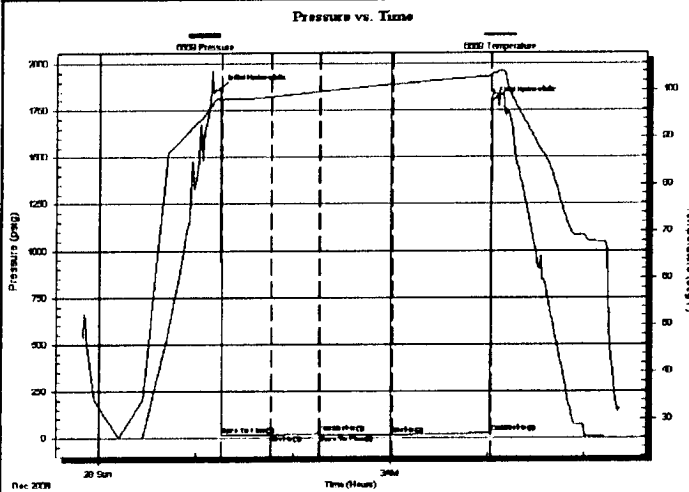
Sand Creek #5
4-8s-23w Graham KS
Job Ticket: 34933 **DST#: 2**
Test Start: 2008.12.27 @ 23:50:09

GENERAL INFORMATION:

Formation: **LKC "I-J"**
Deviated: **No Whipstock:** **ft (KB)**
Time Tool Opened: **01:15:24**
Time Test Ended: **05:21:54**
Test Type: **Conventional Bottom Hole**
Tester: **Tyson Flax**
Unit No: **44**
Interval: **3722.00 ft (KB) To 3758.00 ft (KB) (TVD)**
Reference Elevations: **2311.00 ft (KB)**
Total Depth: **3758.00 ft (KB) (TVD)** **2306.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **Good** **KB to GR/CF: 5.00 ft**

Serial #: 6669 Inside
Press@RunDepth: **16.75 psig @ 3728.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2008.12.27** End Date: **2008.12.28** Last Calib.: **2008.12.28**
Start Time: **23:50:10** End Time: **05:21:54** Time On Btm: **2008.12.28 @ 01:14:54**
Time Off Btm: **2008.12.28 @ 04:02:09**

TEST COMMENT: FP-Weak surface blow built to 1/2" died to weak surface blow
ISI-no blow back
FFP-no blow
FSI-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1865.86	98.21	Initial Hydro-static
1	14.66	97.92	Open To Flow (1)
31	16.26	98.63	Shut-In(1)
61	23.32	99.72	End Shut-In(1)
62	15.12	99.73	Open To Flow (2)
107	16.75	101.24	Shut-In(2)
167	24.60	103.01	End Shut-In(2)
168	1798.35	103.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

Gas Rates

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

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SUMMARY

The Sand Creek No. 5 location was drilled as a wildcat test based on 3-D seismic data interpretation of the Sand Creek Prospect 3-D seismic survey which indicated a subtle east-west trending positive structural feature at the Lansing/Kansas City Group level located in the S/2 of Section 4-T8S-R23W. The Sand Creek No. 5 well is located in an area of very prolific oil production from the multiple pay zone Pennsylvanian aged Lansing/Kansas City Group.

Based on the drilling results and confirmed through analysis of Log-Tech logs, the 3-D seismic proved to be correct in predicting a higher structural position of the primary objective Lansing/Kansas City Group as it was encountered 4 feet high structurally relative to the nearby Reference Well "B"/Halliburton Oil Chestnut No. 1 (SW-NE-SW-Section 4-T8S-R23W).

The Sand Creek No. 5 test well is located approximately 3/8th's of a mile southwest of the A. Scott Ritchie Jones "D" No. 1 abandoned oil well (Reference Well "A") located in the C-NW-NW-SE-Section 4-T8S-R23W, which the 3-D seismic shows to be associated with a separate structural feature, and approximately 1/4 of a mile southeast of the Halliburton Oil Chestnut No. 1 dry hole (Reference Well "B") located in the SW-NE-SW-Section 4-T8S-R23W, which the seismic shows to be a down dip flank well to the Sand Creek No. 5 location.

The Sand Creek No. 5 is located 1.25 miles north of Highway 24 and is located approximately 2 miles west and 1 mile north of Hill City, Kansas in central Graham County, Kansas.

The primary objectives in the Sand Creek No. 5 included the Lansing "C", "E" and "F" Zones and the Kansas City "H", "J" and "K" Zones. Secondary objectives included the Toronto, Lansing "A" and "D" Zones and the Kansas City "I" and "L" Zones.

During drilling, two (2) open hole drill stem test's were run in the Sand Creek No. 5. DST No. 1 covered the Lansing "C"- "D" Zone's recovering 30 feet of clean oil, 30 feet of mud cut oil and 123 feet of oil cut mud. DST No. 2 covered the Kansas City "I"- "J" Zone's and tested tight.

The Sand Creek No. 5 well was spudded on December 16, 2008, drilled to 3,208 feet and shut down for Christmas on December 19, 2008, and resumed drilling on December 26, 2008, and production casing was set on December 29, 2008. No drilling problems were encountered during the drilling of this well.

The well was under 24-hour geological supervision from 3,300 feet to 3,855 feet RTD. Wet and dry drilling samples were caught by the drilling crews from 3,300 feet to 3,855 feet RTD at 10-foot intervals. All lithologic descriptions were lagged to true depth by the consulting wellsite geologist.

Hydrocarbon Shows

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Several significant oil sample shows were observed and recorded in the samples during the drilling of the Sand Creek No. 5 wildcat test well in the primary and secondary objective Lansing/Kansas City Group:

-Lansing "C" Zone:	Intermediate Show:	spotty dark brown oil stain, thick black stringy show free oil, trace floating free oil (included on DST No. 1)
-Lansing "D" Zone:	Good Show:	fair light brown spotty oil stain, fair pin point show free oil when broken (included on DST No. 1)
-Lansing "E" Zone:	Slight Show:	light edge oil stain (this formation was not drill stem tested)
-Lansing "F" Zone:	Slight Show:	spotty light oil staining (this formation was not drill stem tested)
-Kansas City "J" Zone:	Intermediate Show:	black spotty oil stain, black stringy show free oil (included on DST No. 2-tested tight)
-Kansas City "K" Zone:	Poor Show:	black spotty asphaltic residue (this formation was not drill stem tested)

All Lansing/Kansas City hydrocarbon show zone's with free oil shows in the Sand Creek No. 5 were tested on the two drill stem tests.

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

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

Structural Position

The Sand Creek No. 5 wildcat test runs structurally high in relation to Reference Well "B"/Halliburton Oil Chestnut No. 1 (SW-NE-SW-Section 4-T8S-R23W), which is located down dip, and on the flank of the Sand Creek No. 5 structure according to the 3-D seismic.

Compared to Reference Well "B", the Sand Creek No. 5 runs: +4 feet high at the Stone Corral Anhydrite, +4 feet high at the Top/Lansing "A", +4 feet high at the Base/Kansas City.

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The Sand Creek No. 5 wildcat test runs structurally mixed in relation to Reference Well "A"/A. Scott Ritchie Jones "D" No. 1 abandoned oil well (C-NW-NW-SE-Section 4-T8S-R23W), a well the 3-D seismic shows as connected to a separate structural feature.

Compared to Reference Well "B", the Sand Creek No. 5 runs: +1 foot high at the Stone Corral Anhydrite, -1 foot low at the Top/Lansing "A", +4 feet high at the Muncie Creek Shale, and -1 foot low at the Base/Kansas City.

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

Conclusion

The Sand Creek No. 5 wildcat test well location was determined through a 3-D seismic survey shot over the Sand Creek Prospect which indicated a moderate structural feature at the Lansing/Kansas City Group level located in the S/2 of Section 4-T8S-R23W.

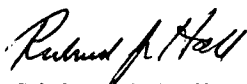
Structurally, as predicted by the 3-D seismic, the Sand Creek No. 5 runs +4 feet high at the Top/Lansing relative to Reference Well "B"/Halliburton Oil Chestnut No. 1 located in the SW-NE-SW-Section 4-T8S-R23W.

Although the Sand Creek No. 5 has a positive structural position, most Lansing/Kansas City Formation's have poor reservoir development and are tight. Several free oil sample shows were observed in the Lansing "C" and "D" Zone's and the Kansas City "J" Zone. The Lansing "E" and "F" Zone's and the Kansas City "K" Zone recorded oil staining but no shows of free oil.

The Lansing "C" and "D" Zone's were included on DST No. 1 and recovered 30 feet of clean oil, 30 feet of mud cut oil, and 123 feet of oil cut mud. The Kansas City "I" and "J" Zone's were included on DST No. 2 and tested tight.

Therefore, based on the favorable structural position of the primary objective Lansing/Kansas City Group relative to Reference Well "B", the oil, mud cut oil, and oil cut mud recovery on DST No. 1, and Log-Tech logs evaluation and analysis, 5 1/2" production casing was set in the Sand Creek No. 5 to test the commercial potential of the Lansing "C" and "D" Zone's.

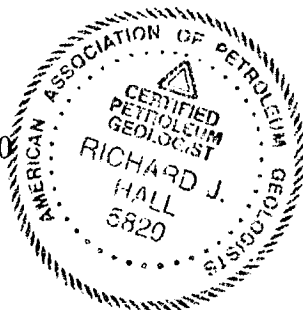
Respectfully Submitted,



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