# CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

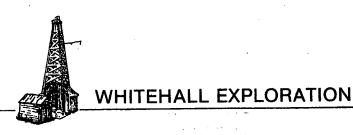
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WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE
KCC WICHITA

MAR 0 5 2010 Form Must Be Typed

OPERATOR: License # 34055	API No. 15 - 065-23614-00-00 ORIGINAL
Name: H & M Petroleum Corporation	Spot Description:
Address 1: 13570 Meadowgrass Dr Ste 101	NW_SE_SW_NW_Sec. 3 Twp. 9 S. R. 25 East  West
Address 2:	2143 Feet from ☑ North / ☐ South Line of Section
City: Colorado Springs State: CO Zip: 80921 +	725 Feet from East / West Line of Section
Contact Person: Dacid allen	Footages Calculated from Nearest Outside Section Corner:
Phone: (719 ) 590-6060 ·	□NE ☑NW □SE □SW
CONTRACTOR: License # 33575	County: Graham
Name: WW Drilling, LLC MAR 0 4 2010	Lease Name: Oil Creek Well #: 2
Wellsite Geologist: Richard Hall	Field Name: Unknown
Purchaser: None	Producing Formation: None
Designate Type of Completion:	Elevation: Ground: 2505 Kelly Bushing: 2510
New Well Re-Entry Workover	Total Depth: 4080 Plug Back Total Depth:
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set:Feet
Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:  Operator:	
	Drilling Fluid Management Plan DANS 3-870 (Data must be collected from the Reserve Pit)
Well Name: Original Total Depth:	Chloride content: 6,000 ppm Fluid volume: 900 bbls
Deepening Re-perf. Conv. to Enhr. Conv. to SWD	Dewatering method used: Air dry - backfill
Plug Back: Plug Back Total Depth	•
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
1/28/10 2/2/10 2/3/10	Quarter Sec TwpS. R East _ West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or co of side two of this form will be held confidential for a period of 12 months if requirality in excess of 12 months). One copy of all wireline logs and geologist well BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confiden- Il report shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of mylknowledge.	ne oil and gas industry have been fully complied with and the statements herein
Signature:	KCC Office Use ONLY
Title: OFFICE MANAGER Date: 3-4-20	
111	Letter of Confidentiality Received
Subscribed and sworn to before me this 4th day of Warch	, If Denied, Yes _ Date:
20 10	Wireline Log Received
Notary Public: Jessica A. Lont	Geologist Report Received
Date Commission Expires: 01/29/2013 NOTAR	AA.LOHF UIC Distribution
- 4	Y PUBLIC COLORADO
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Expires 01/29/2013

Operator Name: H & M	l Petroleum Cor	poration			il Creek		Well #: _2	KCC MAR 0 4 2010
Sec. 3 Twp. 9			County:					CONFIDENTI
time tool open and close	ed, flowing and shu if gas to surface te	d base of formations pen it-in pressures, whether s est, along with final chart( report.	hut-in press	ure reac	hed static level,	hydrostatic pre:	Irill stems tests : ssures, bottom I	giving interval tested, nole temperature, fluid
Drill Stem Tests Taken (Attach Additional Sh	eets)	✓ Yes		√Lo	og Formation	າ (Top), Depth ຄ	and Datum	Sample
Samples Sent to Geolog		Yes V No		Name Stone	e Coral Anhydrite	e	Тор <b>2179</b>	Datum +331
Cores Taken	g	☐ Yes ☑ No		Topel	•		3559	-1049
Electric Log Run		Yes No		· '	ner Shale		3768	-1258
(Submit Copy)				Lansi	ng "A"		3808	-1298
ist All E. Logs Run:					ng "F"		3893	-1383
DI, Micro, Soni	ic, Neutron/E	Density Porosity			ie Creek Shale	)	3931	-1421
				1	as City "J"/Bas		3988/4036	-1478/-1526
		CASING Report all strings set-	RECORD	✓ Ne	w Used			
Purpose of String	Size Hole	Size Casing	Weig	ght	Setting	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	Drilled	Set (In O.D.) 8 5/8	23#	т.	Depth	Common	165	3% Gel/5% CC
Juliace	12 1/4		2011					0,0 00.0 7,0 00
					·			
	1	ADDITIONA	L CEMENTII	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	#Sacks			Type and	d Percent Additive	s
Protect Casing Plug Back TD Plug Off Zone	4080'	Common	123					
Shots Per Foot	PERFORAT Specify	ION RECORD - Bridge Plu Footage of Each Interval Pe	gs Set/Type rforated			cture, Shot, Ceme mount and Kind of	ent Squeeze Reco Material Used)	ord Depth
							REC	EIVED
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							KCC M	VO
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TUBING RECORD:	Size:	Set At:	Packer A	at:	Liner Run:	Yes 1	No	
Date of First, Resumed F	Production, SWD or E	nhr. Producing Me		Flowin			Lift 🗌 Ot	her <i>(Explain)</i>
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wa		Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		METHOD OF	COMPL	ETION:		PRODUCT	ION INTERVAL:
Vented Sold	Used on Lease		Perf.	_	_	mmingled		
☐ vented ☐ Sold  (If vented, Subr		Other (Specify)						



MAR 0 5 2010 KCC WICHITA

### WELLSITE GEOLOGICAL CONSULTING

KCC MAR 0 4 2010 CONFIDENTIAL

### GEOLOGICAL ANALYSIS & WELL REPORT

**H & M Petroleum Corporation** 

OIL CREEK No. 2

2,143' FNL & 725' FWL

~NW-SE-SW-NW
Section 3-Township 9 South-Range 25 West
Graham County, Kansas

February 5, 2010

#### **GENERAL INFORMATION**

Well Status:

G.L. 2,505' Elevation: K.B. 2,510' All measurements are from K.B. Wildcat Field: Drilling Contractor/Rig No.: WW Drilling/Rig 10 RTD: 4,080' LTD: 4,087' Total Depth: Surface Casing: 8 5/8" @ 220' **Production Casing:** None Drill Time Kept: 3,500'-4,080' RTD 3,550'-4,080' RTD Samples Examined: Geological Supervision: 3,500'-4,080' RTD Richard J. Hall Wellsite Geologist: Certified Petroleum Geologist No. 5820 Consulting Wellsite Geologist 1) Lansing "C"-"E" Zone's - Open hole test **Drill Stem Tests:** Mud Company/Mud Type/Engineer: Morgan Mud/Chemical/Dave Lines Electric Logging Company: Log-Tech Log Suite: -Dual Induction -Micro Log -Neutron/Density Porosity -Sonic To be sent to Kansas Geological Survey Sample Samples: Library-Wichita, Kansas as requested by the KGS Base/Kansas City **Total Depth Formation:** 

Dry & Abandoned

## DAILY DRILLING CHRONOLOGY

2010 <u>Date</u>	7:00 A.M. <u>Depth</u>	24 Hour <u>Footage</u>	7:00 A.M. Operation; 24 Hour Activity
01/27/10	0	0	MIRU; mix mud.
01/28/10	0	0	MIRU; spud @ 9:45 A.M., drilling to 221', circ., TOOH, run 5 jts of 8 5/8" surf. csg set @ 220', cement csg - plug down @ 2:15 P.M., WOC 8', drill out cement plug, drilling, jet, drilling.
01/29/10	950'	950'	Drilling ahead; jet, drilling, jet, drilling, jet, 15" work on pump, drilling, jet, drilling, jet, drilling, 15" work on pump, drilling, 15" work on pump, drilling.
01/30/10	2,660'	1,710'	Drilling ahead; jet, drilling, 15" wash suction/jet, drilling, 15" work on pump, drilling, 30" draw works repair, drilling, displace hole/mud up @ 2,859', drilling.
01/31/10	3,385'	725'	Drilling ahead; drilling, CFS @ 3,838', drilling, CFS @ 3,850', drilling.
02/01/10	3,875'	490'	Drilling ahead; CFS @ 3,877', drilling, CFS @ 3,887', short trip 35 stands (3.25'), circ. 90", TOOH strapping pipe, pick up test tool, TIH, run DST No. 1, TOOH, lay down test tool, draw works repair (1.75'), TIH w/bit, break circ. 15" let brakes cool, drilling, CFS @ 3,942'.
02/02/10	3,942'	67'	CFS; drilling, CFS @ 3,964', jet hole and add premix, drilling, CFS @ 3,986', drilling, CFS @ 4,006', drilling, reach 4,080' RTD, circ. 1', drop dev.
	b.		survey, short trip 20 stands (1.25'), circ. 1', TOOH for logs, rig up and run Log-Tech logs, rig down loggers @ 3:30 A.M. (2/3/10), WOO.
02/03/10	4,080'	138'	Waiting on orders; trip in hole, TOOH laying down drill pipe, set cement plugs @ 2,190', 1,805' and 270' plus rat hole - plug down @ 7:30 P.M., rig released @ 9:30 P.M.

#### **DEVIATION SURVEYS**

<u>Depth</u>	<b>Deviation (Degrees)</b>	Method
221'	0.875	dropped
3,887'	1.25	dropped
4,080'	1.0	dropped

#### REFERENCE WELLS

Reference Well "A":

H & M Petroleum Corp.

Oil Creek No. 1 E/2-W/2-W/2-NE

1,320' FNL & 2,100' FEL Section 3-T9S-R25W Graham County, KS

KB: 2,501' LTD: 4,068'

Date Drilled: December, 2009 TD Formation: Base/Kansas City

Status: Lansing/Kansas City Oil Well - awaiting completion

Reference Well "B":

Empire Drilling Co.

Knobel No. 1 C-NE-SW

Section 3-T9S-R25W Graham County, KS

KB: 2,531' LTD: 4,070'

Date Drilled: August, 1962 TD Formation: Base/Kansas City Status: Dry and Abandoned

Reference Well "C":

John Roy Evans

Keith No. 1 C-SE-NW

Section 3-T9S-R25W Graham County, KS

KB: 2,509'

RTD: 4,030' (No Log Run)
Date Drilled: December, 1980
TD Formation: Base/Kansas City

Status: Dry and Abandoned

# **FORMATION TOPS**

	Oil	Oil Creek No. 2 Oil Cree		Oil Creek #1		Keith #1 REFERENCE			
FORMATION	SAMPLE	SAMPLE LOG REFEI	REFERENCE	DIFFERENCE TO					
<del></del>	TOPS	TOPS	DATUM	WELL "A"	WELL "B"	WELL "C"	WELL "A"	WELL "B"	WELL "C"
PERMIAN									
Stone Corral Anhydrite	2179	2179	+331	+314	+311	+310	+17	+20	+21
PENNSYLVANIAN									
Topeka	3555	3559	-1049	-1045	-1048	-1044	-4	-1	-5
Heebner Shale	3766	3768	-1258	-1258	-1259	-1255	Flat	+1	-3
Lansing "A"	3801	3808	-1298	-1293	-1289	-1298	-5	-9	Flat
Lansing "F"	3881	3893	-1383	-1371	-1377	NDE	-12	-6	ŇA
Muncie Creek Shale	3929	3931	-1421	-1411	-1417	NDE	-10	-4	ÑΑ
Kansas City "J"	3982	3988	-1478	-1471	-1476	NDE	-7	-2	NA
Base/Kansas City	4031	4036	-1526	-1520	-1527	NDE	-6	+1	NA

#### **ZONES OF INTEREST**

<u>Formation</u>	Log Depth	Lithologic & Show Descriptions, Remarks
Lansing "C"	3,839'-3,844'	Limestone, buff, very fine crystalline, hard, rar

Limestone, buff, very fine crystalline, hard, rare very large vug with medium crystalline/calcite, generally tight, fair-intermediate crystalline porosity/ vug porosity with off white very chalky pieces, FAIR SHOW: fair yellowish fluorescence in part, dark brown spotty uneven oil stain with some heavy black oil stain in part, fair show free brown oil/break;

Limestone, light-medium gray very fine crystallinecherty in part, mostly tight, generally no visual porosity, very pyritic; spotty dull fluorescence in part, uneven brown oil stain, no show free oil; very good immediate and slow streaming live cut, very good yellow dried residual cut.

The Lansing "C" Zone was included on DST No. 1 with the Lansing "D", and "E" Zones and tested very tight recovering 5 feet of mud with shut in pressures of 892-594 p.s.i.

Log-Tech logs show this formation has a very clean gamma ray, fair SP development, one foot of microlog development, maximum 8% neutron porosity, maximum 5% density porosity, 3-7% sonic porosity and has a maximum 18 ohms deep resistivity.

Limestone, tan, very fine crystalline, hard, slightly chalky, generally tight, scattered minor vugs, poor inter-crystalline porosity, FAIR SHOW: no fluorescence, spotty dark brown oil stain, slight-fair show free oil/break, fair slow streaming cut, intermediate yellowish milky cut, good yellow residual cut.

The Lansing "E" Zone was included on DST No. 1 with the Lansing "C", and "D" Zones and tested very tight recovering 5 feet of mud with shut in pressures of 892-594 p.s.i.

Log-Tech logs show this formation has a clean to very clean gamma ray, and is tight with slight SP development, no microlog development, 7% neutron porosity, 2-3% density porosity, maximum 8% sonic porosity, and a maximum 25 ohms deep resistivity.

Lansing "E" 3,878'-3,884'

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MAR 0 5 2010

REMIT TO RR 1 BOX 90 D HOXIE KS 67740

# MAR 0 4 2010 CONFIDENTIAL SCHIPPERS OIL FIELD SERVICE L.L.C.

KCC WICHITA

422

DATE /-28/	// sec. 3	RANGE/TWP.	9-25	CALLED OUT	ONI	LOCATION	JOB START	JOB FINISH
7							COUNTS 4	STATE
LEASE	Dil	rock		WELL#				
۶.								
· · · · · · · · · · · · · · · · · · ·								

CONTRACTOR		OWNER H+M			
TYPE OF JOB Surfa	C. C. Alfan		. 3		
HOLE SIZE $12^{1/4}$	T.D. 72/	CEMENT			
CASING SIZE 85/8	DEPTH	AMOUNT ORDERED			
TUBING SIZE	DEPTH			5.	
DRILL PIPE ///	<b>ДЕРТН</b>	e de la companya de l	-27		
TOOL	DEPTH				
PRES. MAX	MINIMUM	COMMON	165	@/450	2392 ==
DISPLACEMENT 12,5661	SHOE JOINT	POZMIX		@	_
CEMENT LEFT IN CSG.		GEL		@ 26	78 ==
PERFS		CHLORIDE	5	@ 52	260-
	,	ASC		@	
EQUPIMENT				@	
				@	
PUMP TRUCK				@	
# Dogwood				@	
BULK TRUCK				@	
# CHuck	/			@	
BULK TRUCK				@	
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Table formation reviews the date is appropriate to be designed to the date of the date of the date is a proper of the date of	entranser on a page of the second of the sec	HANDLNG	/73	@ /53	337===
	- M2	MILEAGE	28	@ /5 <sup>-27</sup>	1352
				TOTAL	

REMARKS	SERVICE Surface	
DI A Q TICOM	DEPT OF JOB	@
Plus Down Co ZISTI	PUMP TRUCK CHARGE	@ 959
	EXTRA FOOTAGE	1
	MILEAGE 28	@ 6 30 1820
	MANIFOLD	@:::/:::::::::::::::::::::::::::::::::
Car Cenen 101		@
		TOTAL

CHARGE TO:	+1+m	
STREET	, , , .	STATE
CITY		ZIP

To: Schippers Oil Field Service LLC

You are hereby requested to rent cementing equipment and turnish 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.

PLUG & FLOAT EQUIPMENT	
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DISCOUNT (IF PAID IN 20 DAYS)	to the second of
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SIGNATURE THE STATE OF THE STAT

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## MAR 0 5 2010

REMIT TO RR 1 BOX 90 D HOXIE KS 67740

# KCC MAR 0 4 2010 SCHIPPERS OIL FIELD SERVICE L.L.C.

KCC WICHITA

424

			<del>,</del>	· · · · · · · · · · · · · · · · · · ·	<del></del>
DATE 2/3/10 SEC. 3	RANGE/TWP. 9 - 2 -5	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
			<u> </u>	COUNTS 4	STATE 5
LEASE DIL Creek		WELL#			•
			· · · · · · · · · · · · · · · · · · ·		
CONTRACTOR WW	10	OWNER HAM			
TYPE OF JOB DID	Hoe Plus				
HOLE SIZE 7 1/8	T.D. 4080	CEMENT			
CASING SIZE	DEPTH	AMOUNT ORDERED	205		
TUBING SIZE	DEPTH			1	
DRILL PIPE	DEPTH				
TOOL	<b>DEPTH</b>			Ĭ	
PRES. MAX	MINIMUM	COMMON	123	@ 19 50	1723
DISPLACEMENT	SHOE JOINT	POZMIX	82	@ 8===	656
CEMENT LEFT IN CSG.		GEL		@	
PERFS		CHLORIDE		@	
		ASC		@	
EQUPIMENT				@	
				@	
PUMP TRUCK		Flo-seal	51 25	@ 2 35	115 3/
#4. 50., 1				@	
BULK TRUCK				@	
# Dusty				@	
BULK TRUCK				@	
#				@	
	DM			@	
<u> </u>	730	HANDLNG	205	@ / 25	39-2
! !!v		MILEAGE	28	@ 18 =	516 20
110	2.510			TOTAL	
			\$1		
RÉMARKS		SERVICE Pota-	Plus		
154 2190	25 sx	DEPT OF JOB	produce and the	@	14.
218 1805	10052	PUMP TRUCK CHARGE		@	1355
3,1 270	47 SX	EXTRA FOOTAGE	garin against ann i an	@	eg
416 40	D &	MILEAGE	ිරි්	@ 6-2	182 50
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			y se est just	@	er grown a reconstruction
				TOTAL	
CHARGE TO:	7)				
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