## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

October 2008

Form Must Be Typed

### WELL COMPLETION FORM

temp. confid. Hat.

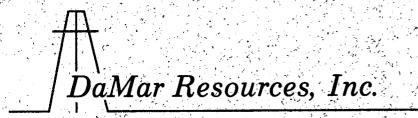
	051 25003 0000
OPERATOR: License #9067	API No. 15 - 051-25903-0000
Name: DaMar Resources, Inc.	Spot Description:
Address 1: P. O. Box 70	SW NE SW NE Sec. 34 Twp. 12 S. R. 18 ☐ East ✓ West
Address 2:	1950 Feet from 🕡 North / 🗌 South Line of Section
City: <u>Hays</u> State: <u>KS</u> Zip: <u>67601</u> +	Feet from East / West Line of Section
Contact Person: Curtis R. Longpine	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 625-0020	☑NE □NW □SE □SW
CONTRACTOR: License # 33575	County: Ellis
Name:W Drilling, LLC	Lease Name: McRaeWell #: _1
Wellsite Geologist: Jim Musgrove	Field Name: wildcat
Purchaser: NCRA	Producing Formation: Lansing-Kansas City
Designate Type of Completion:	Elevation: Ground: 2110' Kelly Bushing: 2115'
	Total Depth: 3727' Plug Back Total Depth: 3704'
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at:
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?   ✓ Yes   No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: 1386' Feet
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 1386'
	feet depth to: surface w/ 150 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  Att II Nul 3-23-10
Well Name:	
Original Comp. Date: Original Total Depth:	Chloride content: 8000 ppm Fluid volume: 3000 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: <u>evaportion</u>
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	Operator Name:
Dual Completion Docket No.:	Lease Name: License No.:
Other (SWD or Enhr.?) Docket No.:	Quarter Sec Twp S. R
9/15/09 9/20/09 11/05/09  Spud Date or Recompletion Date Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or confiside two of this form will be held confidential for a period of 12 months if rectiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.  the oil and gas industry have been fully complied with and the statements herein KCC Office Use ONLY
Title: Vice President/Geologist Date: 3-16-10	1
1/th Man 6	Letter of Confidentiality Received
Subscribed and sworn to before me this 16 day of 1000	If Denied, Yes Date: 3/24/0-09
20/0	Wireline Log Received
Notary Public: A Selful (W.)	Geologist Report Received  RECEIVED  UIC Distribution  MANGAC CORPORATION  ONLY TO SERVICE OF THE PROPERTY OF
Date Commission Expires: 10-18-2012	— UIC Distribution KANSAS CORPORA
A NOTARY PUBLIC - State of Kansas	MAR 17 2010
VICKIE COLE /2	

CONSERVATION DIVIDIGAL WICHITA, KS

Side Two

Operator Name: Dal	Mar Resources,	Inc.	Lease Name	McRae		_Well #: _1_		
ec. 34 Twp. 12	2 S. R. 18	East V West	County: Ell	is				
me tool open and clo ecovery, and flow rate	sed, flowing and shu	d base of formations per t-in pressures, whether s st, along with final chart report.	shut-in pressure r	eached static level	, hydrostatic pres	sures, bottom l	nole temperature, flu	
orill Stem Tests Taken		✓ Yes	1,	Log Formatio	on (Top), Depth ar	nd Datum	☐ Sample	
(Attach Additional S	•		N.	ame		Тор	Datum	
amples Sent to Geol cores Taken	logical Survey	☐ Yes ✓ No ☐ Yes ✓ No		a attached acc	roport			
lectric Log Run (Submit Copy)		✓ Yes No	3					
		ual compensated po compensated sonic						
<u> </u>		CASING	RECORD [	New Used				
	Cine Hale	Report all strings set-			1	# Socks	Type and Percent	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Additives	
surface	12 1/4"	8 5/8"	23#	250'	common	165	3% cc 2% gel	
production	7 7/8"	5 1/2"	15.5#	3725'	EA-2	150		
		ADDITIONA	L CEMENTING / S	QUEEZE RECORE	)			
Purpose:  —— Perforate	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone	3647-3661'	common	35	Hal-9				
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Plu Footage of Each Interval Pe	gs Set/Type		acture, Shot, Cemer Amount and Kind of M		rd Depth	
4	3656-3661' 250 gal acid							
4	3647-3649'		!	375 gal a	375 gal acid			
3419-3425' 750 gal acid								
TUBING RECORD:	Size: 7/8''	Set At: 3699'	Packer At:	Liner Run:	Yes V No	0		
Date of First, Resumed 11/07/09	Production, SWD or En	hr. Producing Me	thod:	wing 🔽 Pump	ing Gas L	ift Oth	ner <i>(Explain)</i>	
Estimated Production Per 24 Hours	Oil 100	Bbls. Gas	Mcf	Vater I	Bbls.	Gas-Oil Ratio	Gravity	
Vented Solo	ON OF GAS:  d Used on Lease  bmit ACO-18.)				ommingled 3	419-3425'	ION INTERVAL:  RECEIVED S CORPORATION COM	

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



March 16, 2010

Kansas Corporation Commission Conservation Division 130 S. Market, Room 2078 Wichita, KS 67202-3802

Re: API #15-051-25903-0000

#1 McRae Ellis Co., KS

DaMar Resources, Inc. requests the information on side two of the above ACO-1 form be held confidential for a period of 12 months.

Sincerely,

Curtis R. Longpine

Vice President/@eologist

Enclosure

CRL/vc

kcc-mcrae

RECEIVED KANSAS CORPORATION COMMISSION

MAR 17 2010

CONSERVATION DIVISION WICHITA, KS

JOB LOG

SWIFT Services, Inc.

DATE 10.13.05 PAGE NO.

USTOMER	DAMAR	DESOURCES	WELL NO.			LEASE MCI		JOB TYPE TICKET NO. 16634
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUN	IPS C	PRESSURE (PSI) TUBING CASING		DESCRIPTION OF OPERATION AND MATERIALS
	0930							ONLOCATION, TRIPPING TOUS
								CM7 7550 STD YAMMONSIDE
								278x5/215,5#
								Peres 3647-49, 3656-61 703709
		1		<b>†</b>	<b>†</b>		T	Pultasq e 3561
					<b>†</b>			7,1104 & 3507
	1250		ار. الم.ال	<del>                                     </del>	2		500	Lighton
	1255	3.0	<i>5</i> .s	~		<i>5</i> 00		THI RATE T. 666 TILL ON , INS. 3.0 Mp. @ SOUPI,
	1300	یږ	0	V		100		START CAT SOOK YHADD
		2.5	10.0	1		Ø		1. " 2550 NEW
		2.5	15.7	-		Ø		Eng
					1			WASHOUT PL
	1309	3,0	0	1		0		STANT DED
	·	2.5	フ・3	1		O		CMT UNFERER
		١.٥	85	1		SS0		
		1.3	105	V		1500	1	
		17	11.5	V		1700		
		17	12.0	V		1900		
		15	13-0	1		2200		32 SIO IN P
	1325	,3	135	1		25.00		END, HOWAR 2500ps,
								CLOSE IN, WASHUP TRUCK
				/		2400		OPEN TBL HULDING
								Recess-DRY
	1345	1.5	0		-	700	1	REV. 047
		2,5	13,5		~	600		Cory
		رير	20,6		~	200		START TO CLEANUP
		ي وچ	30.0		~	200		Aucum
								Puch of Journes
	425				/		400	PS: ANNS RECEIVED
	140>			1		2000	<u> </u>	AS SO HOLDING KANSAS CORPORATION COMMIS
	1415			·V	<u> </u>			PELEBE DAY MAR 17 2010
								Pur Toses
				ļ			<u>.</u>	CONSERVATION DIVISI
	1500							JOB COMPLETE THANNYOU! DAYS JOYLE JASON F
***************************************					<u> </u>			THANKYOU!
								Dans Jack JASON F
				<u> </u>	<u> </u>	<u></u>		

JOB LOG SWIFT Services, Inc. DATE D 92009 PAGE NO. TICKET NO. 16610 CUSTOMER WELL NO. DAMAN RESUYACES PUMPS PRESSURE (PSI) (BBC)(ONE **DESCRIPTION OF OPERATION AND MATERIALS** T C TUBING CASING 2230 DULOCATION, LAYINGDOWN D.P. CMT: BUTTEM KSDEA-d, Top 1855mg RIDGILL BISTOS SCREARING THEET STOP 5/2 15 Strate D.V. in 7,0 161, 1386 FT CENT 1.35, 7.9.11, 60,81 BASVETS 2,12,61.80 0130 START COLOFE. TACBOTEN- DASPBALL 0300 BREAMCIAC 4/ RIG - ROTATE PIPE 0305 0345 START MUDELINH SOUGHS 60 12 300 20 " MCL". 36.5 CMT! EA.2 DROPLOAUG, WASHOUTAL START DISP W/ HOO 6.0 0400 *3*00 55.0 73.0 450 85.0 v LAND AUG 28,2 DYIS DOOP DU OPENING DADY 0418 70 OPEN. D.V. 0430 //30 6.0 0430 START SMOCMT 85 تح DROP CLOSING PLUG START DISP W/ HIS **G**S 0450 0 CIRCOMT! 30 SIG TO PIT! 400 17,0 05w LAND PLUG, CLUSEDIS 32,9

JOB COMPLETE

THANKYUU' KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION

Dave, Joseph LANE MAR 17 2010

0530

# ALLIED CEMENTING CO., LLC. 037621

REMIT TO P.O. I RUS	BOX 31 SELL, KA	NSAS 676	665		SER	VICE POINT: _ <i>Russel</i>	l KS
DATE <b>9-/5-09</b>	SEC. <b>34</b>	TWP.	RANGE 18	CALLED OUT	ON LOCATION	JOB START 2:30pm	JOB FINISH 3:00pm
McRae	WELL#		LOCATION U	KS North +	La Hamainall	COUNTY	STATE
LEASE OLD OR NEW C				- South in			<del>1, , , , , , , , , , , , , , , , , , , </del>
OLD OKNEW (C	ncie one)	•	1 Rd. 94 East	- South In	70	J	
CONTRACTOR	WW	#8	<u> </u>	OWNER			
TYPE OF JOB 🍣	urface						
	1/4	T.I	250'	_ CEMENT	DERED 165	60/1 21	ce 776 1
CASING SIZE 8	78 2		PTH 250'	_ AMOUNT OR	DERED 165	140 21	CCAFGE
TUBING SIZE	· · · · · · · · · · · · · · · · · · ·		EPTH EPTH			<del></del>	
DRILL PIPE TOOL			EPTH				
PRES. MAX			NIMUM	_ COMMON	99	_@ <i>/3,50</i> _	1336,50
MEAS. LINE		SH	IOE JOINT	POZMIX	66	@ <u>7,55</u>	
CEMENT LEFT I	N CSG.	1	5'	GEL		@ 20, 25	
PERFS.				_ CHLORIDE _		_@ <i>5/,5</i> %	257,50
DISPLACEMENT		96 BH		_ ASC		_@ @	
•	EQU	UIPMEN'	Γ			_	
						_	
PUMP TRUCK	CEMENT	ER Jol	nn Roberts			_	
# 398	HELPER	Shane		- 10		@	
BULK TRUCK			0 /				
# 4/0	DRIVER	Wack	er Galen	·		_ @	
BULK TRUCK #	DRIVER					-@ <del></del> @	184,50
#	DRIVER			<ul><li>HANDLING_</li></ul>	52	_ @	300,00
				MILEAGE 🚜	ofstefmile		
	RE	MARKS:	·			TOTAL	2632,53
Est. Ci	rculati	'on		<u>-</u> .	SERVI	CE	
Mix 165	sk Ce	ment		_ DEPTH OF JO	OB		
_					K CHARGE		991.00
Displace	w/ 14	1.96 Bb	/ HrO.		rage	_ @	
		<u> </u>	, ,	_ MILEAGE	6		-
Cement	- Did			<ul><li>MANIFOLD -</li></ul>			
	\$	14	ank You!			_ @ @	<del></del>
· · · · · · · · · · · · · · · ·		2					<del></del>
CHARGE TO:	amar	Kesou	irces	<del>-</del> .	·.	TOTAL	1033,00
STREET						IOIAI	
CITV	Qr.	rate	ZIP	· · · · · · · · · · · · · · · · · · ·			
CI1 I	S		——————————————————————————————————————	<del></del> .	PLUG & FLOA	T EQUIPME	VT
						<u>, , , , , , , , , , , , , , , , , , , </u>	
			•	* 1		@ @	
				*			
To Allied Cemer	nting Co.,	LLC.			· · · · · · · · · · · · · · · · · · ·		
			ementing equipment		· · · · · · · · · · · · · · · · · · ·	@ @	<u> </u>
			to assist owner or			`	
			The above work was			TOTAI	
done to satisfact	ion and si	upervisio	n of owner agent or			LOIM	
			and the "GENERAL		(If Any)		<u> </u>
TERMS AND C	CONDITIONO	JNS" liste	ed on the reverse sid	<b>c.</b>			•
		1 2	1-10	TOTAL CHAI	KGES		
PRINTED NAME	= <u>&gt;10</u>		SOLZENEN	DISCOUNT _			ID IN 30 DAYS
	1/6		1			REC KANSAS CORPO	CEIVED RATION COMMISSION

MAR 17 2010

#### JAMES C. MUSGROVE

Petroleum Geologist 212 Main Street P.O. Box 215 Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Damar Resources Inc. McRae #1 SW-NE-SW-NE (1950' FNL & 1750' FEL) Section 34-12s-18w Ellis County, Kansas Page 1

#### 5 1/2" Production Casing

Contractor:

W.W. Drilling Company LLC (Rig #8)

Commenced:

September 15, 2009

Completed:

September 21, 2009

**Elevation:** 

2115' K.B.; 2113' G.L; 2110' G.L.

Casing program:

Surface; 8/58" @ 250'

Production; 51/2" @ 3725'

Sample:

Samples saved and examined 3050' to the Rotary Total Depth.

**Drilling time:** 

One (1) foot drilling time recorded and kept 3050 ft to the Rotary Total

Depth.

Measurements: `

All depths measured from the Kelly Bushing.

**Drill Stem Tests:** 

There were three (3) Drill Stem Tests ran by Trilobite Testing Company.

**Electric Log:** 

By Log Tech; Dual Induction, Dual Compensated Porosity Log,

Microresistivity and Borehole Compensated Sonic Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1375	+740
Base Anhydrite	1414	+701
Topeka	3106	-991
Heebner	3340	-1225
Toronto	3363	-1248
Lansing	3383	-1268
Stark Shale	3571	-1456
Base Kansas City	3617	-1502
Arbuckle	3645	-1530
Rotary Total Depth	3727	-1612
Log Total Depth	3730	-1615

(All tops and zones corrected to Electric Log measurements).

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SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

MAR 17 2010

#### **TOPEKA SECTION**

CONSERVATION DIVISION WICHITA, KS

3105-3115'

Limestone; white/gray, fossiliferous, chalky, poorly developed porosity, no shows.

Damar Resources Inc. McRae #1 SW-NE-SW-NE (1950' FNL & 1750' FEL) Section 34-12s-18w Ellis County, Kansas Page 2

3131-3144'	Limestone; tan, buff, finely crystalline, slightly dolomitic, scattered pinpoint porosity, trace brown stain, show of free oil and no odor in fresh samples (sparry calcite cement).
3168-3190′,	Limestone, gray, tan, medium crystalline, fossiliferous, chalky, plus white, chalk.
3190-3210'	Limestone; as above, abundant gray to dark gray chert.
3274-3230'	Limestone; gray, tan, fossiliferous, slightly dolomitic, poorly developed porosity, plus gray boney chert.
3258-3268'	Limestone; gray, medium crystalline, fossiliferous, chalky.
3278-3292'	Limestone; tan, gray, finely crystalline, few fossiliferous, chalky increasingly cherty, plus gray chert.
3307-3314	Limestone; gray, white, sub oomoldic, chalky, poor visible porosity, no shows.
3324-3344'	Limestone; gray, white, finely crystalline, cherty, trace gray chert.

#### TORONTO SECTION

Limestone; white/gray, fine to medium crystalline, slightly chalky, spotty brown stain, trace of free oil and odor samples broken.

#### **LANSING SECTION**

Limestone, white, slightly fossiliferous, chalky, trace gray to black stain, no show of free oil and no odor in fresh samples.

3395-3398' Limestone; gray, white, slightly fossiliferous, chalky in part, fair pinpoint porosity, brown and golden brown stain, show of free oil

and faint odor in fresh samples.

3414-3422' Limestone; tan, buff, oolitic, oomoldic, fair to good oomoldic porosity, fair golden brown and brown stain, show of free oil and fair odor in fresh samples.

#### **Drill Stem Test #1** 3336-3422

Times: 5-60-60-90

Blow: Good to strong

Recovery: 1940' gas in pipe

476' gassy oil

60' mud cut gassy oil

(250' gas, 50% oil, 25% mud)

Pressures: ISIP 1068 psi FSIP 1036 psi

IFP 64-105 psi FFP 115-244 psi HSH 1649-1600 psi

CONSERVATION ENVISION

MAR 17 2010

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3422-3436' Limestone; as above, fossiliferous, oolitic, fair to good porosity, brown stain, show of free oil and fair odor in fresh samples.

A MARIE . Damar Resources Inc. McRae #1 SW-NE-SW-NE (1950' FNL & 1750' FEL) Section 34-12s-18w Ellis County, Kansas Page 3

> 3444-3449' Limestone; gray, white, fossiliferous, fair vuggy porosity, brown

stain, show of free oil and good odor in fresh samples.

3452-3456' Limestone; white, gray, finely crystalline, scattered pinpoint

porosity, brown and dark brown stain, show of free oil and odor

in fresh samples.

3459-3470' Limestone; cream, white, fine and medium crystalline, oolitic,

chalky, good vuggy porosity, dark brown and golden brown stain,

show of free oil and odor in fresh samples.

3421-3478 **Drill Stem Test #2** 

Times: 5-60-60-90

Blow: Strong

1037' gas in pipe Recovery:

917' gassy oil 120' gassy oil cut water mud

(15% gas, 30% oil, 10% water, 45% mud)

Pressures: **ISIP** 1192 psi

**FSIP 1162** psi IFP 106-128 FFP 138-403 psi HSH 1681-1574 psi

Limestone; tan, finely oomoldic, slightly chalky, dark brown stain, 3480-3486'

trace of free oil and fair odor in fresh samples.

3518-3528' Limestone; gray, white, chalky, few cherty (dense), trace gray

and amber chert.

3540-3548 Limestone; gray, white, finely crystalline, slightly

oolitic/fossiliferous, chalky, poor visible porosity, brown stain,

trace of free oil and faint odor in fresh samples.

3555-3570' Limestone; gray, slightly cherty, scattered vuggy porosity, brown

and black (tarry) stain, trace of free oil and faint odor in fresh

samples.

3578-3590' Limestone; gray, white, fossiliferous, slightly chalky, trace stain,

show of free oil and faint odor in fresh samples.

MARMATON SECTION

3633-3639' Limestone; white, chalky, poor porosity, trace black stain, no

show of free oil and faint odor in fresh samples.

**CONGLOMERATE SECTION** 

RECEIVED Sand; clear, very fine grained, sub rounded, friable, brown stain, PORATION COMMISSION

show of free and faint odor in fresh samples.

MAR 17 2010 CONSERVATION DIVISION

WICHITA, KS

3645-3654

3641-3643'

**ARBUCKLE SECTION** 

Dolomite; white/gray, fine to medium crystalline, good

intercrystalline and vuggy type porosity, few 100% stain and saturation, show of free oil and fair odor in fresh samples, plus gray and tan, sucrosic, dolomitic, fair to good pinpoint porosity,

good stain and saturation, show of free oil.

Damar Resources Inc.
McRae #1
SW-NE-SW-NE (1950' FNL & 1750', FEL) Section 34-12s-18w
Ellis County, Kansas
Page 4

3654-3670'

Dolomite; as above.

**Drill Stem Test #3** 

3635-3670'

Times:

5-60-60-90

Blow:

Weak to good

Recovery:

175' clean oil

90' muddy oil

(50% mud, 50% oil)

Pressures:

**ISIP** 1149

psi

**FSIP 1128** 

psi

IFP 27-50

. psi

FFP 60-137

psi

HSH 1789-1758

. psi

3670-3690'

Dolomite; gray, white, pink, medium crystalline, good

intercrystalline porosity, good gray to brown and black stain, show of free oil and fair odor in fresh samples, plus white, finely oomoldic, dolomite, good stain and saturation, good show of free

oil.

3690-3700'

Dolomite; as above, black tarry stain, show of free oil and fair

odor in fresh samples.

3700-3727'

Dolomite; white and gray, finely crystalline, slightly cherty, poor

porosity, black stain, show of fee oil (tarry-black-dead), and no

odor, plus gray, oolitic, opaque chert.

Rotary Total Depth

3727

Log Total Depth

3730

#### Recommendations:

5 ½" production casing was set and cemented at 3725' to further test the following zones:

- 1. Arbuckle 3656-3666 perforate
- 2. Arbuckle 3646-3652 perforate
- 3. Lansing 3641-3646 perforate
- 4 Lansing 3482-3484 perforate
- 5. Lansing 3461-3471 perforate
- 6. Lansing 3434-3438 perforate
- 7. Lansing 3414-3424 perforate
- 8: Topeka 3134-3142 perforate

Respectfully submitted;

James C Musglove, Petroleum Geologist

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CONSERVATION DIVISION WICHITA, KS