

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1081986

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	Sec TwpS. R East West
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from Feet / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	County:
Name:	
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SION Gas D&A ENHR SIGN	Amount of Surface Pipe Set and Cemented at: Feet
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Con Conv. to GSW	Chloride content: ppm Fluid volume: bbls
Plug Back: Plug Back Total Dep	th Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec Two S R East West
ENHR Permit #:	Denreit #
GSW Permit #:	
Spud Date or Date Reached TD Completion Date Recompletion Date Recompletion D Recompletion D	

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY				
Letter of Confidentiality Received				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				

	Side Two	1081986
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		Log	Formation	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes	No	1	lame			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		YesYesYes	No No No						
List All E. Logs Run:									
			CASING	RECORD	New	Used			
		Report al	I strings set-c	onductor, surface	, intermed	diate, producti	on, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In		Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				,		ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	DRD: Size: Set At: Packer At:			At:	Liner R	un:	No			
Date of First, Resumed Pr	oduct	on, SWD or ENH	ર .	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITION	DSITION OF GAS: METHOD OF COMPLE			TION:		PRODUCTION INTE	RVAL:			
Vented Sold				Perf.	Dually (Submit)		Commingled (Submit ACO-4)			
(If vented, Submit ACO-18.)				Other (Specify)					

~

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations Fleger 'D' Unit #1 2375' FNL & 935' FWL Section 11-15s-14w Russell County, Kansas Page 1

Dry and Abandoned

Contractor:	Southwind Drilling Company (Rig #3)
Commenced:	February 20, 2012
Completed:	March 26, 2012
Elevation:	1789' K.B; 1787' D.F; 1781' G.L.
Casing program:	Surface; 8 5/8" @ 392' Production; none.
Sample:	Samples saved and examined 2200' to the Rotary Total Depth.
Drilling time:	One (1) foot drilling time recorded and kept 2200 ft to the Rotary Total Depth.
Measurements:	All depths measured from the Kelly Bushing.
Formation Tests:	There was one (1) Drill Stem Test ran by Trilobite Testing Co.

Formation	Sample Depth	Sub-Sea Datum
Grand Haven	2341	-552
1 st Tarkio Sand	2352	-563
Dover	2369	-580
2 nd Tarkio Sand	2376	-587
Tarkio Lime	2410	-621
Willard	2428	-639
3 rd Tarkio Sand	2432	-643
Elmont	2473	-684
Howard	2604	-815
Topeka	2685	-896
Heebner	2913	-1124
Toronto	2932	-1143
Lansing	2976	-1187
Base Kansas City	3182	-1393
Conglomerate	3236	-1447
Arbuckle	3273	-1484
Rotary Total Depth	3280	-1491
(All tops and zones	corrected to Electric Log m	neasurements).

41

Mai Oil Operations Fleger 'D' Unit #1 2375' FNL & 935' FWL Section 11-15s-14w Russell County, Kansas Page 2

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

1ST TARKIO SAND SECTION

2352-2362'	Sand; gray, very fine grained, micaceous, friable, fair
	intergranular porosity, poor stain, no show of free oil and faint
	odor in fresh samples.

2ND TARKIO SAND SECTION

2376-2390'	Sand; gray, tan, fine grained, well rounded, fair sorting,
	micaceous, no shows and faint odor in fresh samples.

LANSING SECTION

- 2976-2986' Limestone; cream, tan, finely fossiliferous/oolitic, light brown spotty stain, no free oil and gassy odor in fresh samples. 3000-3005' Limestone; cream, tan, finely crystalline, oolitic, poor porosity, light brown stain, no free oil and faint odor in fresh samples. 3017-3022' Limestone; white, cream, oolitic, sub oomoldic, scattered porosity, no stain, no free oil and faint odor in fresh samples. Limestone; cream, gray, finely crystalline, oolitic, poor porosity, 3030-3036' chalky, increasingly cherty, no shows. 3050-3055' Limestone; cream, tan, finely crystalline, slightly oolitic, poor porosity, brown stain, no free oil and fair odor in fresh samples. 3060-3065' Limestone; as above. 3071-3078' Limestone; tan, cream, finely crystalline, oolitic, oomoldic, scattered porosity, light brown stain, no free oil and no odor in fresh samples. 3100-3111' Limestone; tan, white, finely crystalline, oolitic, oomoldic, chalky, no shows. 3124-3132' Limestone; tan, gray, finely crystalline, oolitic, fossiliferous, cherty, trace brown stain, no free oil and no odor in fresh samples. 3140-3146' Limestone; tan, chalky, poor porosity, no shows. 3156-3167' Limestone; tan, oolitic, oomoldic, fair oomoldic porosity, trace brown stain, no free oil and fair odor in fresh samples. 3206-3212' Limestone; tan, finely crystalline, oolitic, scattered pinpoint porosity, brown stain, no free oil and faint odor in fresh samples. CONGLOMERATE SECTION
 - 3237-3272' Varied colored chert; boney and opaque plus red, brick red, gray shale.

Mai Oil Operations Fleger 'D' Unit #1 2375' FNL & 935' FWL Section 11-15s-14w Russell County, Kansas Page 3

ARBUCKLE SECTION

3273-3280'	Dolomite; white/gray, medium and coarse crystalline, poor to fair
	intercrystalline porosity, poor dark brown and black stain, trace of
	free oil and fair odor in fresh samples.

<u>Drill Stem T</u>	3213-3280'					
Times:	30-30-30-30	30-30-30				
Blow:	Strong	Strong				
Recovery:	10' clean oil 120' very sligh 1500' water	tly oil cut water				
Pressures:	ISIP 1040 FSIP 1019 IFP 109-541 FFP 557-792 HSH 1597-155	psi psi psi psi 33 psi				

Recommendations:

The Flegler 'D' Unit #1 was plugged and abandoned at the Rotary Total Depth 3280.

Respectfully submitted;

Kurt Talbott, Petroleum

Petroleum Geologist

	DRILL STEM TES	T REPO	ORT			******	
RILOBITE	Mai Oil Operations Inc	11-15s-14w Russell					
ESTING , INC.	8411 Preston Rd		Fle	gler Uni	it D #1		
	Ste800 Dallas Texas 75225-5520		-			DST#: 1	
	ATTN: Kurt Mai		Test	t Start: 20	12.03.25 @) 12:10:05	
GENERAL INFORMATION:							
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Opened:13:44:30Time Test Ended:17:50:59	ft (KB)	Test Type: Conventional Bottom Hole (Init Tester: Ray Schwager Unit No: 42			e (Initial)		
Interval: 3213.00 ft (KB) To 3280.00 ft (KB) (TVD) Total Depth: 3280.00 ft (KB) (TVD)			Reference Bevations: 1789.00 ft (KB) 1781.00 ft (CF)				ft (CF)
Hole Diameter: 7.85 inches Hol	e Condition: Fair			KB t	o GR/CF:	8.00	ft
Serial #: 6625 Inside Press@RunDepth: 792.03 psig Start Date: 2012.03.25 Start Time: 12:10:05	2012.03.25 17:50:59	Capacity: Last Calit Time On Time Off	o.: Btm: 2	2012.03.25	8000.00 2012.03.25 @ 13:41:00 @ 15:47:00	psig	
TEST COMMENT: 30-IFP-strg bl in 30-ISIP-no bl 30-FFP-strg bl ir 30-FSIP-no bl							
Pressure vs.	Cime 0005 Temperature				RE SUMM		
1900 1000	005 Temperature 005 Temperature 005 005 005 005 005 005 005 00	Time (Min.) 0 4 32 63 64 93 122 126	Pressure (psig) 1596.52 109.24 540.61 1040.07 557.36 792.03 1019.32 1583.20		End Shut-I Open To F	o-static Row (1) In(1) Row (2) n(2)	
Recovery			Gas Rates				
Length (ft) Description	Volume (bbl)			Choke (i	nches) Pressu	ure (psig) Ga	s Rate (Mct/d)
1.00 CO 120.00 SOCMW 1%O25%M74% 1500.00 Water	0.01 6W 1.68 21.04						

Trilobite Testing, Inc

Ref. No: 46273

Printed: 2012.03.25 @ 21:47:02

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within	KANSAS CORPORATION COMMISSI OIL & GAS CONSERVATION DIVISION				Form CP-4 March 2009 Type or Print on this Form		
60 days from plugging date.	WELL PLUGGING RECORD K.A.R. 82-3-117			Form must be Signed All blanks must be Filled			
OPERATOR: License #: 5259			API No. 15	15-167-237	84-00-00		
Name: MALOIL OPERATIONS, II	NC		Spot Description:				
Address 1: 8411 PRESTON RD, STE	800		SW_SE_SW_NW Sec. 11 Twp. 15 S. R. 14 East West				
Address 2:			2,375 Feet from V North / South Line of Section				
City: DALLAS State: T	X Zip: 75225 + 5	520	935 Feet from East / Vest Line of Section				
Contact Person:ALLEN BANGERT Phone: (214_) _219-8883				Footages Calculated from Nearest Outside Section Corner:			
		hodia		NE 🖌 NW	SE SW		
Type of Well: (Check one) Oil Well Gas Well OG D&A Cathodic Water Supply Well Other: SWD Permit #:				County:RUSSELL			
	Storage Permit #:				D" UNIT Well #:		
	well log attached? Yes	No	Date Well	Completed: 3/26/	12 reved on: 3/24/12 (Data)		
Producing Formation(s): List All (If needed attach anot	-			SE MORRIS	roved on: <u>3/24/12</u> (Date) (KCC District Agent's Name)		
	ottom: T.D				, , , , , , , , , , , , , , , , , , ,		
Depth to Top: Bo				Commenced: 3/25/			
	ottom: T.D		Plugging C	Completed: 3/26/	12		
Show depth and thickness of all water, oil and gas fo	rmations						
Oil, Gas or Water Records		Casing R	Record (Surfa	ace, Conductor & Produ	uction)		
Formation Content	Casing	Size	1	Setting Depth	Pulled Out		
	SURFACE	8 5/8		392	0		
	CONTRACT	0010		002			
Plugged well with 170 sacks of 6 sacks, 2nd plug @ 825' with 25 s sacks, 30 sacks for rat hole, by A	sacks, 3rd plug @	450' with	n 80 sad	cks, 4th plug (@ 40' to surface with 10		
33350			SOUTH		NG INC		
Plugging Contractor License #: 33350 Name							
			PO BOX 276				
city: _ELLINWOOD			State: KA	NSAS	Zip: 67526 +		
Phone: (620) 564-3800							
Name of Party Responsible for Plugging Fees: MA	I OIL OPERATION	S, INC					
State of KANSAS Count	, BARTON		_ , SS.				
JILL WAHLMEI			C	ployee of Operator or	Operator on above-described well,		
(Print Name)			- [_] Emp	bioyee of Operator or	Operator on above-described well,		
being first duly sworn on oath, says: That I have know the same are true and correct, so help me God.	eledge of the facts statement	s, and matters	s herein con	tained, and the log of	the above-described well is as filed, and		
Signature:	CHILL	inim	1110	2			
	fu ou	a with			07000		
Mail to: KCC - C	onservation Division, 130) S. Market -	Room 207	8, Wichita, Kansas	67202		

Phone 785-483-2025 Cell 785-324-1041	Home Office	P.O. Box	32 Ruse	sell, KS 67665	No	5476		
Date 3-21-12 11	Twp. Range	Russ	ell	State	On Location	1:30 AM		
Lease Flegle D	Well No.	Location	1	11.Ks - 5	ito Wal	ters Rd.		
Contractor South	thwind #:	3 0	owner 3F	Siw t	o Kig	, - ,		
Type Job Surface		T	o Quality Oil	well Cementing, Inc		at and furnish		
Hole Size 1244	T.D. 392'				t cementing equipment oner or contractor to			
Csg. 8 5/8 "	Depth 392'	and the second sec	harge	ai oil	operations	and the second se		
Tbg. Size	Depth		street		-			
Tool	Depth				State			
2 /	Shoe Joint 20		lity	dono to opticfaction	4	r agent or contractor		
			CONTRACTOR OF THE OWNER OWNER	int Ordered 225	and supervision of owne	agent of contractor.		
Meas Line EQUIPI	and second and the second se		2% Gel	ordered of C	JA 60/76 4	JAN JAC		
No Cementer			common /.	35	y y			
Pumptrk 15 No. Helper	ise			10				
No. Driver 09	Y I		.1	0				
JOB SERVICES	& REMARKS		iel. 4		ę			
FI L	unit #		alcium 9					
Rat Hole	WALL #		alt					
Mouse Hole			lowseal					
Centralizers		Kol-Seal						
Baskets			Mud CLR 48					
D/V or Port Collar					3			
	"reculate			D110 CAF 38	- E			
ement did (<u>icculate</u> ,		and	Contraction of the second				
		Sec. State	andling 23	8				
The Long Bill State of the Stat	and the second	M	lileage	and the second second	ar Santa and Andreas and Andreas and	nine of the second second		
	ren and a second se	1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -	Contraction (Alberton)	FLOAT EQUIPM	IENT	Vet.		
	n ve veddellinger	SECRETARY'S	ulde Shoe	Contraction of the second s				
			entralizer					
1. 47 - 240 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	10 10 A		askets	2. 2. Li				
			AFU inserts					
		100 C	oat Shoe					
wigo		La	atch Down					
and the second	A		1- W	ooden plu	of			
					N	100.0		
· **	<u>Second A. A.</u>	P	umptrk Charg	= Jango	uv face			
		M	ileage	10	March 1			
					Tax	and shared		
					Discount			
Signature (by))				Total Charge	1. S.		

	S SERVICES, LLC 056366
REMIT TO P.O. BOX 31	SERVICE POINT:
RUSSELL, KANSAS 67665	+45501 No.
DATE3 25-12 SEC. TWP. RANGE CA	ALLED OUT ON LOCATION JOB START JOB FINISH
LEASE LOGIOR WELL #D-1 LOCATION RUSSO 11	KS. 85 SE 23. RUSSell NAWSAS
OLD OR NEW (Circle one)	
CONTRACTOR SOUTHWIND Rig #3	OWNER
TYPE OF JOB ROTARY Plug	O MASK
HOLE SIZE 7 7/8' T.D. 3280	CEMENT 100 60
CASING SIZE 8 5/8 SURFACE DEPTH 392	AMOUNT ORDERED 1708x 40 4% GeL
TUBING SIZE DEPTH	14#FID-Seyl PERSX,
DRILL PIPE 4 2 X. H DEPTH 3253'	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON @
MEAS. LINE SHOE JOINT	POZMIX@
CEMENT LEFT IN CSG.	GELLER SX @
PERFS.	CHLORIDE @@
DISPLACEMENT	ASC@ F10-Seal LB3 @
EQUIPMENT	F10-Seal LBS @
	@
PUMPTRUCK CEMENTER GILENNG, WOOYO	@
# 417 HELPER ROBORT V.	@
BULK TRUCK	@
# 378 DRIVER CODY h	@
BULK TRUCK	@
# DRIVER	HANDLING 179 TOTAL SX @
15	MILEAGE 10 Top Mile @
REMARKS:	TOTAL
25 exp 205215 1 At 141	
25 5×0 825'	SERVICE
80 SX@ 450' 167	
10 SX @ 40' dwifer - Plug	DEPTH OF JOB
30 SX@ Rathole 1	PUMP TRUCK CHARGE
	EXTRA FOOTAGE@
	MILEAGE 10 HUMI @
	MANIFOLD@
	10 LV mz @
	@
CHARGE TO: MAI OIL OPERAtion'S	
OTD FFT	TOTAL
STREET	
CITYSTATEZIP	
	PLUG & FLOAT EQUIPMENT
	-Steraussman with phile (a

__@_____ _@_____

@_____

To: Allied Oil & Gas Services, LLC.

14