

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1046526

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 #33702	API No. 15				
Name: Magnum Engineering Company	Spot Description:				
Address 1: 500 N SHORELINE BLVD STE 322	NE_NW_SE_SE Sec. 4 Twp. 34 S. R. 14 ▼ East West				
Address 2:	1,150 Feet from North / South Line of Section				
City: CORPUS CHRISTI State: TX Zip: 78401 + 0313					
Contact Person:Anil Pahwa	Footages Calculated from Nearest Outside Section Corner:  NE NW SE SW  County: Montgomery				
Name: Kurtis Energy LLC	Lease Name: Defenbaugh Dwight Well #: C-6				
Wellsite Geologist: n/a  Purchaser: Coffeyville Resources Refining & Marketing LLC	Field Name:				
Designate Type of Completion:	Total Depth: 830 Plug Back Total Depth: 827				
✓ New Well Re-Entry Workover   ✓ Oil WSW SWD SIOW   Gas D&A ENHR SIGW   OG GSW Temp. Abd.   CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: 22 Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: 830  feet depth to: 0 w/ 90 sx cmt.				
If Workover/Re-entry: Old Well Info as follows:	,				
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth: Conv. to ENHR	Official Contents				
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:				
Commingled Permit #:	Operator Name:				
Dual Completion Permit #:	Lease Name: License #:				
SWD Permit #:	Quarter Sec TwpS. R				
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:				
GSW Permit #:	·				
Spud Date or Date Reached TD Completion Date or	-				
Recompletion Date Recompletion Date					

## **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: NAOMI JAMES Date: 11/04/2010

Side Two

1046526

Operator Name: Magnum Engineering Company  Sec. 4 Twp.34 S. R. 14 Fast West			Lease Nam	e: Defenbaugh D	Dwight	Well #: <u>C-6</u>		
				ontgomery				
ime tool open and clos	sed, flowing and shut s if gas to surface te	d base of formations per t-in pressures, whether s st, along with final charte well site report.	shut-in pressure	reached static level,	hydrostatic pressu	ires, bottom h	nole temperature, fluid	
Drill Stem Tests Taken (Attach Additional S	iheets)	☐ Yes   ✓ No		✓ Log Formation	n (Top), Depth and	Datum	Sample	
Samples Sent to Geol	·	☐ Yes 🗸 No	1	Name Wayside		Top Datum 685		
Cores Taken  Electric Log Run  Electric Log Submitted Electronically  (If no, Submit Copy)		Weiser			793			
List All E. Logs Run:							,	
GR-N								
	Will will the second se			New Used e, intermediate, product	tion, 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	8.625	28	22	Portland	9		
Production	6.75	4.50	11.5	827	Ticket attached	90	Ticket attached	
ſ		ADDITIONA	AL CEMENTING	/ SQUEEZE RECORD				
Purpose:  Perforate  Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used Type and			ercent Additive	\$	
Plug Back TD Plug Off Zone	-							
Shots Per Foot	PERFORAT Specify	ION RECORD - Bridge Pli Footage of Each Interval P	ugs Set/Type erforated		acture, Shot, Cement Amount and Kind of Ma		ord Depth	
2	12			15% HCL,	15% HCL, 12/20 & 16/30 sand 6			
3	6			15% HCL,	12/20 & 16/30 sa	ind	795'-801'	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	d Production, SWD or E	NHR. Producing M	ethod:  Pumping	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil 0.5	Bbls. Gas	Mcf	Water 15	Bbls.	Gas-Oil Ratio	Gravity	
	ION OF GAS:	Open Hole	METHOD OF CO	Dually Comp. C		PRODUCT 86'- 698'	TION INTERVAL:	
Vented Sol	d Used on Lease ubmit ACO-18.)	Other (Speciful			ACO 4)	95'-801'		



# 235758

27830 TICKET NUMBER 27830

LOCATION BARTLESUILE FOREMAN

SISTO 5623 STEPHENKUTH CRUICH CONTROL CONTROL OF THUCK # DRIVER TRUCK # DRIVER THUCK # DRIVER TRUCK # DRIVER TR	.0-431-9210	or 800-467-867	6	CEM		UKI		
USJOMER MADOUM  ARLING ADDRESS  TRUCK # DRIVER TRUCK # DRIVER  ### TRUCK # DRIVER TRUCK # DRIVER  #### TRUCK # DRIVER  ##### TRUCK # DRIVER  ###################################	DATE	CUSTOMER#		L NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
ALLING ADDRESS  THUCK # DRIVER TRUCK # DRIVER  THUCK # DRIVER  TRUCK # DRIVER  THUCK # DRIVER  TRUCK # DRIVER	8/5//0	5623	Stephen	bouth deviahl C-	6			Mart K.
ARLING ADDRESS  TRUCK# DRIVER TRUCK# DRIVER  ## 19	US JUMER	MARINA	•	7				<i>//////</i>
STATE   ZIP CODE   248   6764   5	AILING ADDRI	ESS			TRUCK #	DRIVER		
STATE ZIP CODE  WIS T70 BRIAN L  DB TYPE LS  HOLE SIZE 63/4 HOLE DEPTH CASING SIZE & WEIGHT 4/2  ASING DEPTH REGISTOR  DRILL PIPE TUBING  OTHER  SPLACEMENT 13.4 DISPLACEMENT PSI 500 MIX PSI 200 RATE  SPLACEMENT 13.4 DISPLACEMENT PSI 500 MIX PSI 200 RATE  SMARKS: Ran Cellicin this est circ - Run 90sx thick set a), th  OL, SATI, PHYNO WASY SAT Rump And circs Retease Pluc 0.50, 13.4  DSCT SAIE  CUT TO SUAF.  ACCOUNT CODE  QUANTITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE TOTAL  SHOOL 30 MILEAGE  106.5  5402 B40 850 FROTAGE  550/C 3 TRANSPORT  1/26A 90sx THICK SCT  1/10A 10x/500 KOLSPAL  1/10B 3x/10D CEL  1/10B 3x/10D CEL  1/10B 3x/10D CEL  1/11B 1/11B 1/1500 MIXEAGE  1/11B 1/1B 1		,				JAMES N		
DB TYPE \$\frac{1}{2}\$ HOLE SIZE \$\frac{1}{2}\frac{1}{2}\frac{1}{2}\$ HOLE DEPTH \$\frac{1}{2}\frac{1}	ITY		ISTATE.	777.000	486	Brian S		
ASING DEPTH SCHOOL 30 DRILL PIPE TUBING CASING SIZE & WEIGHT 4/2  URRY WEIGHT 14.5 SLURRY VOL BP 1.58 WATER GAILSK 6.9 CEMENT LEFT IN CASING SIZE & WEIGHT 4/2  BPLACEMENT 13.4 DISPLACEMENT PSI 500 MIX PSI 200 RATE 5  EMARKS: RAW CELL/LON/ HAD EST CIRC - RAW 90 SX THICK SET WITH  OL SATI, PHOND WASY GAT RAMP AND LINES REVEASE PLAY 0.50, 13.4  2 SCT SALE  CAT TO SAJE  CAT TO SAJE  CAT TO SAJE  ACCOUNT CODE  QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  LAU PUMP CHARGE  SYDD  SYDD  MILEAD  ACCOUNT CODE  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYDD  SYDD  ACCOUNT CODE  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYDD  SYDD  ACCOUNT CODE  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYDD  SYDD  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT CODE  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT OUNTY OU			SIMIE	ZIP CODE	415 T90	BRIAN L		
ASING DEPTH 840 830  ASING DEPTH 840 830  ASING DEPTH 840 830  BRILL PIPE  URRY WEIGHT 14.5  SLURRY VOL. 86 1.58  WATER GAING SIZE & WEIGHT 4/2  DISPLACEMENT PSI 500 MIX PSI 200  RATE  SATE  SATE  SATE  SATE  CAST CHICL SET WITH  DISPLACEMENT PSI 500 MIX PSI 200  RATE  SATE  SATE  CAST CHICL SET WITH  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  ACCOUNT  CODE  QUANTY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  SATE  SATE  SATE  THOSE  SATE	D TVDE	16		/3/				
URRY WEIGHT   14.5   SLURRY VOL   15.8   WATER GAILSK   6.9   CEMENT LEFT IN CASING   5   SPLACEMENT   13.4   DISPLACEMENT PSI 500   MIX PSI 200   RATE   5   MARKS: Ren CEL/CM/HDD EST. CIRC - Ren 905x THICK SET 10.7H   15.5   15.4   15.5   15.4   15.5   15.4   15.5   15.4   15.5   15.4   15.5   15.4   15.5   15.4   15.5   15.4   15.5   15.4   15.5						CASING SIZE & V	VEIGHT_4/	}
SPLACEMENT 13.4 DISPLACEMENT PSI, 500 MIX PSI 200 RATE 5  MARKS: Raw CEL/LCM/H22 EST. CIRC - Raw 905x THICK SET 21.7H  OL, SALT, PHYNO, WASY GAT PUMP AND WINES REVEASE PLUC 0.50, 13.4  SET SALE  CMT TO SULF.  200  V 500  MIX PSI 200  MIX P						<del></del>	OTHER	
MARKS: RAW CELLICIN/HID EST. CIRC - RAW POSX THICK SET WITH  OL, SATT, AHMO, WASY OUT PUMP AND LINES RELEASE PLUE DISQ. 13.4  SET SALE  CUT TO SULF.  200  VE 500  MULE ABUND LO: 45 AM  ACCOUNT CODE  QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  1401  PUMP CHARGE  106. 5  5402  840 850 MILEAGE  106. 5  5400  1 BALE TAUCK  350. 2  107A  1550/C  3 TRANSPORT  1107A  15X/404  KOLSTAL  1107A  15X/404  KOLSTAL  1107A  15X/404  KOLSTAL  1107A  15X/404  KOLSTAL  1111  10X/500*  SELT  1111  10X/500*  SELT  1111  10X/500*  SELT  1111  1111  1111  1111  1111  1111  1111		4 11				CEMENT LEFT in	CASING	<u> </u>
OL, SMIT, PHIND, WASY ONT PUMP AND LINES RETENSE PLNG 0.50, 13.4  SET SHE  CMT TO SMITE  CMT TO SMITE  L 200  MILE SEO  MILE S			DISPLACEMEN	IT PSI_500 MIX PSI_	<u> ನ್ರಹ</u>	RATE	5	
CMT TO SMAE  CMT TO SMAE  CMT TO SMAE  SY SCO  MAC JOINT JOYANA  ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  SYOL JOYANA  SYOL JOYANA  MILEAGE JOYANA  SYOL J BACK TAMACK JOSON  SOCIETA  MILEAGE JOYANA  SYOL J BACK TAMACK JOYANA  SOCIETA  MILEAGE JOYANA  SYOL J BACK TAMACK JOYANA  SOCIETA  MILEAGE JOYANA  JOYANA  SOCIETA  MILEAGE JOYANA  JOYAN	MARKS: KA	IN CEL	ILCM/ Hai	> ESTI CIRC -	- RHN P	OSX THICK	t SET 4	3174
CMT TO SMAE  Y 500  MP 1500  MUC JOIND 10: ISAM  ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  1401   PUMP CHARGE 900.5  5402 840: 850' FOOTAGE 106.5  5400   I BALE TRUCK 350.2  5501C 3 TRANSFORT 324'-  1107A   SX/40" KOLSTAT, PHENO 46.5  1108 35x/50" CEL 30.6  1111 /0x/500" SALT 165.5			mysy a	at Pump An	p Lines K	ELEASE PL	ul Dis	13.4 يم
200   1500   1500   10:45AM   10:4	557	SHE						
1500   1500				CMT TO	Sult.			
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  401   PUMP CHARGE   900.5  5402   840 830   MILEAGE   106.5  5400   J BALE TRUCK   350.6  550/C   3 TRANSFORT   324.6  107A   15x/40   KOLSTAL PHENO   46.6  118B   35x/150   CEU   30.6  118B   35x/150   CEU   30.6  118C   350.7								
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  401   PUMP CHARGE   900.5  5402   840.6 830   FOOTAGK   168.6  5402   B46.830   FOOTAGK   350.6  550/C   3   TRANSPORT   350.6  107A   5x/40   KOLSTAL PHENO   46.6  118B   35x/150   CEL   30.6  118B   35x/150   CEL   30.6  1111   10x/1500   46.6  146.5	V 500							
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  1401   PUMP CHARGE   900.5  1402   B40.830   FOOTAGE   168.9  15402   B40.830   FOOTAGE   168.9  15407   BALE TRUCK   350.9  1550/C   3   TRANSFORT   1530.9  1107A   5x/40   KOLSEAL PHENO   46.9  1110A   10x/500   KOLSEAL   325.9  1111   10x/500   SOLT   168.9  1111   10x/500   SOLT   168.9  1111   10x/500   SOLT   168.9	WP 15	30				· · · · · · · · · · · · · · · · · · ·	Sign	
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  5401   PUMP CHARGE 900.5  5402   R40' 8'50' FOOTAGE 166.5  5407   I BALE TRUCK 350.2  550/C 3 TRANSFORT 324.2  1107A   5x/40" KOLSTAL 150.7  1108   3x/150" GEL 30.6  1118   3x/150" GEL 30.6  1111   10x/500" SALT	Auc do	112 10:45	AM					
CODE   QUANITY or UNITS   DESCRIPTION of SERVICES OF PRODUCT   UNIT PRICE   TOTAL							<del></del>	
CODE   QUANITY or UNITS   DESCRIPTION of SERVICES OF PRODUCT   UNIT PRICE   TOTAL							<del></del>	
100   PUMP CHARGE   900.5  540   30   MILEAGE   106.5  540   840 830   FOOTAGE   168.5  540   1   BALR TRUCK   350.5  550/C   3   TRANSFORT   1530.5  1107A   5x/40   KOLSEAL PHENO   46.5  1118B   3x/150   CEL   30.5  1111   10x/500   54.5  1111   10x/500   54.5  1111   10x/500   145.5  1111		QUANITY	or UNITS	DESCRIPTION	l of SEDVICES CO	ODUCT		<u> </u>
5406 30 MILEAGE 5402 840 830 FOOTAGE 5407 1 BALE TRUCK 550/C 3 TRANSFORT  1/26A 905X THICK SET 1/107A   5x/40 H KOLSTAL PHENO 1/10 A 105x/500 KOLSTAL  1/18B 35x/15D CEL 1/11 10x/500 SACT		407////	7	DESCRIPTION	OF SERVICES OF PRO	ODUCI	UNIT PRICE	<u></u>
5402 840 830' FOOTAGE  5407 I BALE TRACK  550/C 3 TRANSPORT  1026A 905X THICK SET  1107A ISX/40 HOLSEAT PHENO  1100 IOX/500 KOLSEAT PHENO  1118B 35x/150 CEL  1111 IOX/500 SACT  145 RUSSIA PLUC  145 CUSSIA			(	PUMP CHARGE				900.0
5407 1 BALE TRUCK 350.9 550/C 3 TRANSPORT 324.9 1126A 905X THICK SET 1530.9 1107A 15X/40 KOLSEAR PHENO 46.9 110A 105X/500 KOLSEAR PHENO 325.9 1118B 35X/15D CEL 30.9 1111 105X/500 SALT 165.9				MILEAGE				106.5
550 C 3 TRANSPORT 324.5  1126A 905X THICK SET 1530.5  1107A 15X/404 KOLSEAL PHENO 46.5  1100 105X/5004 KOLSEAL PHENO 325.5  1118B 35X/15D4 CEL 30.6  1111 105X/5004 SALT  1111 105X/5004 SALT  1111 105X/5004 SALT  1114 45 RUSBRO PLUE		840	8301	FOOTAGE				
550/C 3 TRANSPORT 324.9  1/26A 905X THICK SET 1530.9  1/107A 15×/40 H KOLSEAT PHENO 46.9  1/10B 105×/500 KOLSEAL 325.9  1/118B 35×/150 GEL 30.9  1/111 105×/500 SALT 145.9				BALL TRUCK			-	350.9
1126A 905X THICK SET 1530.9 1107A 15X/404 KOLSEAL PHENO 46.9 110A 10X/5004 KOLSEAL PHENO 325.9 1118B 35X/15D4 CEL 30.8 1111 10X/5004 SALT 165.9 1414 4/5 RUSBRO PLUE 45.9	550/C	3						
1107A   SX   40								40.7
1107A   SX   40	1126A	900		THICK CET	······································		<del></del>	1520 5
1118B 35x/15D# CEL \$ 30.00 1111 10x/500# SALT 165.5 1414 4/5 RUSBRO PLUC 45.5			1404		(FNC)		<del></del>	W. a
1118B 35x/150# CEU \$ 30.0 1111 10x 1500# Spc.T 165.5 1414 4/3 Russro Pluc 45.5		108/5	00**					
1111 10x 1500# SACT 145.9 14i4 1 45 RUBBIO PLUC 45.9		3~/.	7 7	•	•			رفحب
1914   45 RUSBRO PLUC 45°		100/	W#			<del></del>	<u> </u>	1,50
123 (1000 Rd 1111)		1/5	<u>~~</u>	1		-	<del></del>	163.
(25.)   Y.174.17   1/1	123	4200	0	C. tu wroth	·			62.S

SALES TAX 3737 ESTIMATED TOTAL **AUTHORIZTION** DAŢÉ

l acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.