KOLAR Document ID: 1276719

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 November 2016 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.:
Name:	Spot Description:
Address 1:	SecTwpS. R 🔲 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xxx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
OG GSW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fladied offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Permit #:

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
Confidentiality Requested
Date:
Confidential Release Date:
☐ Wireline Log Received ☐ Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I III Approved by: Date:

KOLAR Document ID: 1276719

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressure est, along wit ogs run to obta	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if a and Final Elect	station more ric Lo	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, v. Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Depth	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name	9		Тор	Datum
Cores Taken Electric Log Run Geolgist Report List All E. Logs F	/ Mud Logs		 Y€ Y€	es No						
o.,										
			Reno		RECORD [Ne	w Used	on etc		
B (0)	· Siz	ze Hole		e Casing	Weight	e, iiile	Setting	Type of	# Sacks	Type and Percent
Purpose of St		Prilled		(In O.D.)	Lbs. / Ft.		Depth	Cement	Used	Additives
				ADDITIONAL	. CEMENTING	SQU	EEZE RECORD			
Purpose: Perforate Protect Ca	Top	Depth Bottom	Туре	of Cement	# Sacks Use	ed		Type ar	nd Percent Additives	
Plug Back Plug Off Z										
 Did you perform Does the volume Was the hydraul 	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		-	Yes Sins? Yes Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or I	Resumed Produ	uction/	Producing Meth	nod:					
Injection:				Flowing	Pumping		Gas Lift C	ther (Explain) _		
Estimated Produc Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	r Bi	ols.	Gas-Oil Ratio	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole	Perf.	Dually	Comp. Con	nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	Submit	ACO-5) (Subi	mit ACO-4)		
Shots Per	Perforation	Perforation	n l	Bridge Plug	Bridge Plug		Δcid	Fracture Shot	Cementing Squeeze	Record
Foot	Тор	Bottom	,,,	Type	Set At		Acid,		Kind of Material Used)	Ticoord
TURING PEOOR	D: Size:		Sc+ A+.		Packer At					
TUBING RECOR	D. Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Mustang Energy Corporation
Well Name	Dechant Brothers 2
Doc ID	1276719

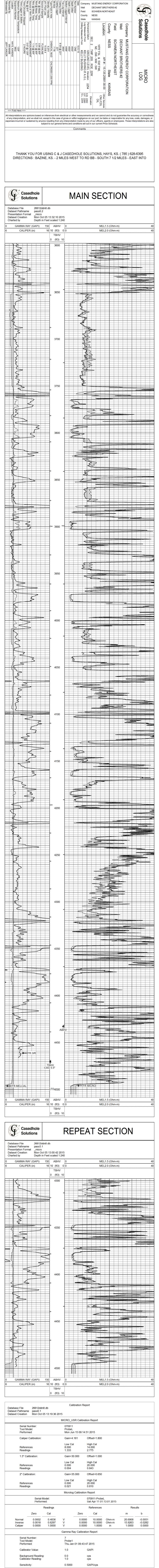
All Electric Logs Run

Micro
Dual Induction
Compensated/Neutron Density
Sonic

Form	ACO1 - Well Completion
Operator	Mustang Energy Corporation
Well Name	Dechant Brothers 2
Doc ID	1276719

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	25	.625	23	220	Common	2%gel3%c c



GLOBAL CEMENTING, L.L.C.

DATE 10-6-15	SEC. 2	TWP 20	RANGE 2Z	CALLED OUT	ON LOCATION	11:00pm	12:00a
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GLOBAL CEMENTING, L.L.C.

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Scale 1:240 Imperial

Well Name: DECHANT BROTHERS #2

Surface Location: NE SW NW SW Sec. 2 - 20S - 22W

Bottom Location:

API: 15-135-259891-00-00

License Number: 33922

Spud Date: 9/29/2015 Time: 1:45 AM

Region: NESS COUNTY KANSAS

Drilling Completed: 10/5/2015 Time: 12:34 AM

Surface Coordinates: 1870' FSL & 530' FWL

Bottom Hole Coordinates:

Ground Elevation: 2254.00ft K.B. Elevation: 2262.00ft

Logged Interval: 0.00ft To: 0.00ft

Total Depth: 4500.00ft

Formation: BASIL PENNSYLVANIAN SAND
Drilling Fluid Type: FRESH WATER / CHEMICAL GEL

OPERATOR

Company: MUSTANG ENERGY CORPORATION

Address: P.O. BOX 1121

HAYS, KS 67601

Contact Geologist: ROD BRIN Contact Phone Nbr: (785) 623-0533

Well Name: DECHANT BROTHERS #2

Location: NE SW NW SW Sec. 2 - 20S - 22W

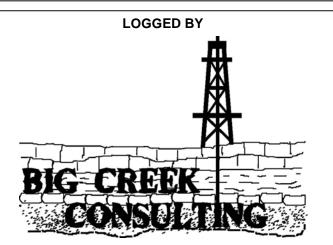
API: 15-135-259891-00-00

Pool: Field: SCHWEIN NORTHEAST

State: KANSAS Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -99.7301393
Latitude: 38.3396855
N/S Co-ord: 1870' FSL
E/W Co-ord: 530' FWL



Company: BIG CREEK CONSULTING, INC.

Address: 1909 MAPLE

ELLIS, KS 67637

Phone Nbr: (785) 259-3737

Logged By: GEOLGIST Name: JEFF LAWLER

CONTRACTOR

Contractor: DISCOVERY DRILLING

Rig #: 3

Rig Type: MUD ROTARY

 Spud Date:
 9/29/2015
 Time:
 1:45 AM

 TD Date:
 10/5/2015
 Time:
 12:34 AM

Rig Release: Time:

ELEVATIONS

K.B. Elevation: 2262.00ft Ground Elevation: 2254.00ft

K.B. to Ground: 8.00ft

NOTES

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				- 3	D	ECHANT BROTHE	RS #1			ANTENEN #1					MOORE #1					BUCKBEE #1					
		DECHANT BI	ROTHERS #2			SW SE NW SE 2-20-22					SE NE SW NW 2 - 20 - 22					SW SE 35	-19-22				SE SE NE	3-20-22			
	КВ	2262	GL	2254	KB		2257			KB		2265	_		KB		2285	_		KB		2274	_		
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ANHYDRITE TOP			1503	759	1517	740		+	19	1501	764		-	5	1516	769			- 10						
BASE			1538	724	1551	706		+	18	1506	759			35					_						
HEEBNER SHALE			3758	-1496	3764	-1507		+	11	3743	-1478			18	3762	-1477			19	3760	-1486			- 10	
TORONTO	1		3773	-1511						3762	-1497			14	9			-		3770	-1496			- 15	
LKC			3812	-1550	3813	-1556		+	6	3793	-1528		-	22	3812	-1527			- 23	3850	-1576			+ 26	
MUNCIE CREEK	J.		3970	-1708						3948	-1683		-	25											
STARK SHALE			4074	-1812	7					4051	-1786		-	26											
BKC			4131	-1869	4131	-1874		+	5	4111	-1846		-	23	4159	-1874			5						
PAWNEE	1		4244	-1982	4238	-1981		-	1	4226	-1961		-	21	4241	-1956			- 26						
FT. SCOTT	i 11		4313	-2051	4318	-2061		+	10	4303	-2038		S-	13	4321	-2036			15	4313	-2039			- 12	
CHEROKEE SHALE	ĝ j		4336	-2074	4343	-2086		+	12	4326	-2061		-	13	4344	-2059		- 3	15	4337	-2063			- 11	
BASIL CHEROKEE SAND	y y				4390	-2133				4362	-2097						3	9)					- 1		
MISSISSIPPIAN			4437	-2175	4460	-2203		+	28	4415	-2150			25			1								
MISSISSIPPIAN OSAGE															4420	-2135				4432	-2158				
GILMORE CITY			4490	-2228	4					4471	-2206		-	22						4558	-2284			+ 56	
VIOLA																				4616	-2342				
SIMPSON																				4774	-2500				
ARBUCKLE								3										- 10		4836	-2562				
TOTAL DEPTH	6 9		4500	-2238	4511	-2254		+	16	4503	-2238		+	0				- 10		4842	-2568			+ 330	

ROCK TYPES

Lmst fw7> Carbon Sh Shcol
shale, gry Shale, red

OTHER SYMBOLS

MISC

P Daily Report

Digital Photo

DST ■ DST Int ■ DST alt

DocumentFolder

Link

Vertical Log File

Horizontal Log File

Core Log File
Brill Cuttings Rpt

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Curve Track #1 Curve Track #3

ROP (min/ft) Gamma (API) Cal (in) 1:240 Imperial	Cored Interval DST Interval OST Interval	Lithology	Oil Show	Geological Descriptions	1	:24	0 In	nper	rial	
	3560 - - 3570			1' DRILL TIME THROUGH ANHYDRITE FROM 1480' - 1530' 1' DRILL TIME FROM 3600' - RTD 10' WET/DRY SAMPLES FROM 3650' - RTD						
	3580 - - - - - 3590 -			GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 3600' - RTD 8 5/8" SURFACE PIPE SET @ 221' SURVEY 3/4 dgr. ANHYDRITE TOP 1503' (+759) E-LOG ANHYDRITE BASE 1538' (+724) E-LOG						
0 (Gamma (API) 150 6 Cal (in) 16										
7	3630 - - - - 3640 -			Lm- Tan Cream, VF-FXLN, fsl & oolitic, poorly dev. w/ dense XLN & micro XLN porosity, much loosely cemented mud supported matrix w/ no vis. porosity, barren Sh- Black Maroon, fissile & carbonaceous, gritty & earthy						
	3650 - - - - 3660			Lm- Cream Tan, VF-FXLN, dense, well cemented & poorly dev. oolitic Ls w/ dense micro XLN & XLN porosity, sctrd reXLN secondary porosity Lm- Cream Buff, VFXLN, dense, well cemente & tight w/ min. vis. porosity						
	3670 -			Lm- Cream Off White, FXLN, fsl & oolitic, mod. well dev. massive w/ dense XLN porosity, sctrd reXLN veins & secondary porosity, barren, much soft white chalk Lm- A/A w/ black & gray fsl sl unconsolidated chert/cherty Ls w/o vis. porosity						
5	- 3680 - - - - 3690			Lm- Cream Tan, FXLN, fsl w/ sctrd XLN porosity & few dense well cemented VFXLN w/ min. vis. porosity						
	- - - - 3700 -			Lm- Cream Off White, FXLN, fsl w/ sctrd XLN porosity, heavily mottled Lm- Cream Buff, Vf Grn, dense, mud supported matrix & soft white chalk, sl						
	3710			unsonsolidated, poor vis. porosity, barren Lm- Cream Tan, Vf Grn VFXLN, dense tight mix of chalky mud supportred matrix, loosely cemented & crumbly and poorly dev. sl fsl w/ sctrd XLN porosity, some soft white chalk						
	3730 - - -									

