#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

#### **ORIGINAL**

Operator: License # _30606	API No. 1515-039-20935-0000
Name: Murfin Drilling Company, Inc.	County: Decatur 90°E × 25'3 of
Address: 250 N. Water, Suite 300 RECEIVED	CNWSec17Twp5S. R29
City/State/Zip: Wichita, Kansas 67202	3275 S feet from N (circle one) Line of Section
Purchaser: MAR 2 4 2005	750 W feet from E / (circle one) Line of Section
Operator Contact Person: Tom W. Nichols  Phone: (316) 267-3241	Footages Calculated from Nearest Outside Section Corner:  (circle one) NE SE NW SW
Contractor: Name: Murfin Drilling Company, Inc.	Lease Name: Brantley Well #: 1-17
License: 30606	Field Name: Wildcat
Wellsite Geologist: Dan Blankenau MAR 2 2 2005	Producing Formation: Lansing/Arbuckle
Designate Type of Completion:  ✓ New Well Re-Entry Workover	Elevation: Ground: 2792 Kelly Bushing: 2797  Total Depth: 4150 Plug Back Total Depth: 4080
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 291 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ✓ Yes \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set 2538 Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 2538
Operator:	feet depth to surface w/ 275 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:  Deepening Re-perf Conv. to Enhr./SWD	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  6-607
	Chloride content ppm Fluid volume bbls
Plug Back — Plug Back Total Depth	Dewatering method used
Commingled Docket No  Dual Completion Docket No	Location of fluid disposal if hauled offsite:
	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
01/20/05         01/29/05         3/16/05           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date  Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-nd geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	
Signature: 770700	KCC Office Use ONLY
rd la	2005 VES Letter of Confidentiality Received
Subscribed and sworn to before me this 23rday of	If Denied, Yes Date:
2005	Wireline Log Received
× 11	Geologist Report Received

SUSAN BRADY

NOTARY PUBLIC STATE OF KANSAS

My Appt. Exp

Date Commission Expires: (LY-07)

**UIC Distribution** 



Side Two

### ORIGINAL

Operator Name: Mu	urfin Drilling Com	pany, Inc.	Lease Name	Brantley		Well #: 1-1	7
Sec. 17 Twp.	5 S. R. 29	East ✓ West	County: Dec	atur		***************************************	
ested, time tool ope emperature, fluid re	en and closed, flowin covery, and flow rate	and base of formations pag and shut-in pressures es if gas to surface test, final geological well site	, whether shut-in p along with final ch	ressure reache	d static level, hydı	rostatic pressu	res, bottom hole
Drill Stem Tests Take		✓ Yes  No		Log Forma	ation (Top), Depth	and Datum	Sample
Samples Sent to Ge	,	✓ Yes No	Na	me		Тор	Datum
Cores Taken	,	☐ Yes 🗸 No					KCC
Electric Log Run (Submit Copy)		✓ Yes No		SEE A	TTACHED LIST		R 2 2 2005
List All E. Logs Run:				SEE A	I IACHED LIST	COM	FIDENTIAL
Dual Inductio Microresistivi	•	ensated Porosity	′,				8 # <del>Despt Recen</del> se & C C EF Teles
			RECORD [] I	New Used	action 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		8 5/8		291'	Common	225	3% cc, 2% gel
Production		5 1/2		4148'	EA-2	175	
		ADDITIONA	L CEMENTING / SO	QUEEZE RECOR	RD		
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	s Used Type and Percent Additives			
✓ Protect Casing —— Plug Back TD —— Plug Off Zone	0-2535	SMD	275	1/4# per s	exs flocele		
Shots Per Foot		ION RECORD - Bridge Plu Footage of Each Interval Pe			racture, Shot, Cemer		rd Depth
4 SPF		52, 4025-28, 4004-4006,					
4 SPF		96, 3879-82, 3865-68			5% gelled acid	···	
The state of the s		THE STREET STATE OF THE STATE OF TH			3		EIVED
						MAR 2	2 4 2005
						KCC V	VICHITA
TUBING RECORD 2	Size 7/8	Set At 4074	Packer At	Liner Run	Yes 🗸 No		
Date of First, Resumer 3/16/05	d Production, SWD or E	Enhr. Producing Me	thod	ng 🗸 Pum	ping Gas Li	ift Oth	er (Explain)
Estimated Production Per 24 Hours	0il 285	Bbls. Gas	Mcf Wa			Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF (	COMPLETION		Production Int	erval	W-10-sprop production delication and an accommodate and accomm	
Vented Sold	Used on Lease	Open Hole	Perf.	Dually Comp.	Commingled		

y #1-17

gray drilling report

page two



released @ 11:45 a.m. 1/29/05. FINAL REPORT.



CONFIDENTIAL

#### ORIGINAL

1/29/05

RTD 4150'. Cut 20'. DT: none. CT: 22 ¾ hrs. Dev.: 1° @ 4130'. ELI logged from 8:45 a.m. to 4:45 p.m. 1/28/05, LTD @ 4130'. After log drilled to 4150'. HC @ 7:00 p.m. 1/28/05. Ran 97 jts. = 4146' of 5 ½" prod. csg. set @ 4148'. Cmt. w/175 sx. E A-2 plug down @ 3:00 a.m. 1/29/05 by Swift. Set DV @ 2538', cmt. w/275 sx. SMD, plug down @ 7:45 a.m. 1/29/05, circ. 18 sx. by Swift. 15 sx. in RH, 10 sx. in MH. Rig

		MD Brantley 2797	/ #1-17			Cities Service Groneweg A Sec. 7-T5S-R2 2833' KB	#1	Nelson Petroleum #1 Everett G. Shuler Sec. 29-T5S-R29W 2804' KB				
Formation	Sample Top	Datum	Log tops	Datum	Ref	Log Top	Datum	Ref	Log Tops	Datum		
Anhydrite	2531	+266			+7	2574	+259	+2	2540	+264		
B/Anhydrite	2567	+230			+7	2610	+223	-1	2573	+231		
Topeka	3662	-865	100		-1	3704	-871		3668	-864		
Oread	3796	-999			+10	3842	-1009		3814	-1010		
Heebner	3833	-1036	3836	-1039	+1	3876	-1043		3841	-1037		
Toronto	3862	-1065	3865	-1068	-1	3906	-1073		3868	-1064		
Lansing	3881	-1084	3879	-1082	+3	3920	-1087		3882	-1087		
BKC	4076	-1279	4082	-1285		4124	-1291		4088	-1284		
RTD						4485	-1652		4450	-1646		
LTD										<u> </u>		

Mach to NO-)

RECEIVED

MAR 2 4 2005 KCC WICHITA ALLIED: CEMENTING CO., INC.

P.G. BOX 51 RUSSELL, KS 67665 PH (785) 483-3887 FAX (785) 483-5566



MAR 2 2 2005 CONFIDENTIAL ORIGINAL

INVOICE

Invoice Number: 095733

Invoice Date: 01/26/05

Sold Murfin Drilling Co. To:

250 N. Water, St. #300

Wichita, KS

67202

Cust I.D....: Murfin

P.O. Number..: Brantley 1-17 P.O. Date...: 01/26/05

Due Date.: 02/25/05 Terms....: Net 30

tem I.D./Desc.	Qty. Used		Price	Net	TX
Common Fel Chloride Handling Mileage (50) 237 sks @\$.05 pe		SKS SKS SKS SKS MILE	9.5500 13.0000 36.0000 1.5000 11.8500	2148.75 52.00 288.00 355.50 592.50	T T T E E
Surface Sileage Sickup Mileage Surface Plug	1.00 50.00 1.00 1.00	JOB MILE PER EACH	625.0000 4.0000 75.0000 55.0000	625.00 200.00 75.00 55.00	E E T
f Account CURREN	Payable 30 Days Fol. 1/2% Charged Thereaft take Discount of \$ \( \frac{\psi}{2} \). In 30 days from Invoice	ter. Tax 39./7 Payr Date Tota	total: ments: al:	4391.75 160.26 0.00 4552.01	
	New Well Comeat Su				

RECEIVED

MAR 2 4 2005

KCC WICHITA

PRINTED NAME

## ORIGINAL ALLIED CEMENTING CO., INC. 19892

O P.O. I RUSS		NSAS 6766			2 2005	SERV	ICE POINT:	ej
12000	SEC,	TWP.	RANGE 29 in	90 0 0	LLED OUT	ON LOCATION	JQB START	JOB FINISH
Brantley	17	55				10:20 KM	COUNTY COUNTY	STATE
LEASE	WELL#	1-17	LOCATION	Sclden	2E5/21		Decatur	Ks
OLD OR MEW (0)	ircle one)				Bu	5/5		
CONTRACTOR TYPE OF JOB	Mur	fin p	rlg Ri	g 3	OWNER	Same		
HOLE SIZE /	2/4	T.D.	29		CEMENT			1
CASING SIZE	8 5/4	DEF	TH 29	/ '	AMOUNT OF	RDERED		
TUBING SIZE		DEF			225 SK	scom 390	CC 2206	ne!
DRILL PIPE TOOL		DEP DEP						
PRES. MAX			IIMUM		COMMON	225sks	@ 9.55	2148,75
MEAS. LINE			DE JOINT		POZMIX			
CEMENT LEFT I	N CSG.	15-1			GEL	45K5	@ <i>[3.00</i>	
PERFS.	, /7	1 1011			CHLORIDE _	85K5		288.00
DISPLACEMENT		2_Bb/S			ASC		@	
•	EQU	JIPMENT			DEC	EIVED	@	
PUMP TRUCK	CEMENT	FR /	eq11	and a second of the second of	8 VI	LIVEL	@	
#373-281	HELPER		Andrew		MAR	2 4 2005	@	
BULK TRUCK			7,7.0,7		KCC	WICHITA	@	
# 377	DRIVER	Alan			1 8 CON 18	AICH IN IN	_ @ @	
BULK TRUCK					terminal de la committe en page une appliet d'adrigue une la grand de sub-reminence d'une regionnes en			
#	DRIVER				HANDLING_			355,50
					MILEAGE	54/5K/m		592.50
	RE	MARKS:					TOTAL	3436.75
Cement	did	Circu	101e			SERVI	CE	
		***************************************			DEPTH OF IC	OB	291'	
						K CHARGE		625.00
					EXTRA FOO	***************************************	@	
	grave to desire a subdivide Armon distribution through the process distribution to			is the sign of a difference or and proving a the parameters Addigent long sup-		50M, 105	@4.00	200.00
		/h	ANK Y	04	MANIFOLD.		@	
					Pickup.	Milegge	@	75,00
	du Os	1.1.	C 1.	<b>,</b>			_ @	
CHARGE TO:	urtin	prig	CO LAC				mom . T	900
STREET			- Майлей — — — — — — — — — — — — — — — — — — —				TOTAL	900.00
CITY	ST	ATE	ZIP					
			- A species	-		PLUG & FLOAT	T EQUIPMEN	Т
					85/4 51	urface Plus	<b>(</b> @	55.00
								<u> </u>
To Allied Cemen	ting Co	Inc.					_ @	
You are hereby re	equested t	to rent cem						
and furnish ceme								
contractor to do							PRO 25 MAR 1	
done to satisfacti							TOTAL	55.00
contractor. I hav CONDITIONS"				IS AND	TAX		_	
COMPLITONS	nsieu on i	me reverse	side.					
						RGE		
					DISCOUNT -		IF PAII	IN 30 DAYS
SIGNATURE	Zoiti	I 1/1	nte	4				



#### SWIFT SERVICES, INC.

PO BOX 466 NESS CITY, KS 67560-0466

KCC MAR 2 2 2005 CONFIDENTIAL

## ORIGINAL

#### Invoice

DATE	INVOICE#	
1/28/2005	7617	

**BILL TO** 

Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

USED FOR <u>went</u> coll LOUGUNED 25 1

TERMS	Well	No.	Lease	County	Contractor	Well Type	Well (	Category	Job Purp	ose	Operator
Net 30	#1-	17	Brantley	Decatur	Murfin Drilling Ri	Oil	Deve	lopment	5-1/2" 2-S	tag	Dave
PRICE REF	ERE			DESCRIPTIO	DN	QTY		UNIT F	RICE	Al	MOUNT
575D 579D 580 221 281 290 402-5 403-5 407-5 408-5 413-5 417-5 419-5 325 283 284 285 276 330 581D 583D		Addit Liqui Mud D-Air 5 1/2" 5 1/2" 5 1/2" 5 1/2" 5 1/2" Standa Salt Calsea CFR-2 Flocele Swift I	o Service - Two- ional Hours Cir d KCL (Clayfix) Flush Centralizers Cement Basket Insert Float She D.V. Tool & P. Roto Wall Scra D.V. Latch Do Rotating Head and Cement	culating  oe With Auto I lug Set ttchers (140 Fe wn Plug & Bai Rental	eet) ffle		120 1 2 4 500 3 9 2 1 1 175 900 9 82 115 285 460 2,810	2,	3.00 ,600.00 100.00 19.00 0.65 8.00 55.00 140.00 230.00 35.00 200.00 7.50 0.17 28.00 3.00 1.00 10.25 1.10		360.00 1,600.00 200.00T 76.00T 325.00T 24.00T 495.00T 230.00T 2,300.00T 2,300.00T 200.00T 200.00T 1,312.50T 153.00T 246.00T 115.00T 2,921.25T 506.00 2,529.00
,	5	Sales T	`ax			RECI MAR 2 KCC W	EIVEL 4 2005 ICHIT	TA	5.30%		15,304.75 546.42
hank Y Ve Look	ou F c For	or \ wa	Your Bus rd To Se	iness II rving Yo	n 2004! ou In 2005!		T	otal		\$1	15,851.17



CHARGE TO: Mur hin Dr /s	
ADDRESS	
CITY STATE ZIP CODE	

TICKET

Nº 7617

Service	es, Inc.					PAGE 1	OF 2
SERVICE LOCATIONS  1. HAYS VS	WELL/PROJECT NO.	Brantley	Dectus	STATE	CITY	DATE   OWNER	
2. NessCity Ms	TICKET TYPE CONTRACTOR  SERVICE  SALES		RIGNAMENO. Mucha Dale Right	SHIPPED	DELIVERED TO 135,3w,15,34w, Sinto O.	ORDER NO.	
4.	WELL TYPE  O; 1	WELL CATEGORY	JOB PURPOSE 5/2 2-Stere Langeton	*****	WELL PERMIT NO. 15-039-20935-20-00	WELL LOCATION	and the same of th
REFERRAL LOCATION	INVOICE INSTRUCTIONS			<del>`</del>	, , , , , , , , , , , , , , , , , , , ,	13. 770, 8870	E CONSTRUCTOR
PRICE SEC	CONDARY REFERENCE/ ACCOL	UNTING	Propries	······································		t au T	

PRICE	SECONDARY REFERENCE/		ACCOUNTIN	G		1							-6
REFERENCE	PART NUMBER	LOC	ACCT	T DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	l	AMOUNT	r
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580		1			Additionel Hours Circ	+	lhes		İ		20	200	100
221		1			VCL.		901		l	/ 0	20	76	00
281		1			MUD FIKSH	-	ica I			16	65	325	00
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**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT**, **RELEASE**, **INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS?

TIME SIGNED A.M.

SHIPPIN.

**REMIT PAYMENT TO:** 

SWIFT SERVICES, INC. P.O. BOX 466 NESS CITY, KS 67560 785-798-2300

_							
	SURVEY	AGREE	UN- DECIDED	DIS- AGREE	PG-1	11385	$\infty$
	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL P4 - 2	12,719	l   フヾ
	WE UNDERSTOOD AND MET YOUR NEEDS?					15////	1
	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				50b 70te1	15,304	75
	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	546	     H o
	ARE YOU SATISFIED WITH OUR SEF	RVICE?	NO				
	CUSTOMER DID NOT W	/ISH TO R	ESPOND		TOTAL	15,851	17

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.



PO Box 466 Ness City, KS 67560

#### TICKET CONTINUATION

No. 7617

Service	o. True. Off.		-798-2300		CUSTOMER MUCHADO	-	WELL /^/7	Bro	atley		D/-28	<u> </u>	PAGE A	<b>5</b>
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	AC	COUNTING ACCT C	TIME	SI CONTRACTOR SANCES SECTION OF	IPTION	\$Z \ <b>3</b>				UNIT		20,220 575 8 per 2 6 4 2 2 2 6 6	( SA ( SA ( SA ( SA ( SA ( SA ( SA ( SA
402	and the second s	7	- ACCE	B. 6 (36) 46 (4)	Centralizers			eç eç	QTY.				AMOUNT	
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4/3		7			Rote Well Sirste	bars WaF	28		3/2	1/2	2300	00		
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										OMTINI	IATIONTOTAL	8993		
•										*******	ANDRIUME		12,719.7	<u>'5</u>

CONFIDENTIAL SWIFT Services, Inc. ORIGINAL PAGENO. LEASE Brantley JOB TYPE 5/2 2-StyelogString IN DRIG PRESSURE (PSI)
TUBING CASING VOLUME ((BBL) (GAL) PUMPS DESCRIPTION OF OPERATION AND MATERIALS С 2125 ONLOCATION, Discuss Jub Botten Stage 17550 EA-2 CMT 150 1/01 1344 KCG Top Stage 2755KS SMOCMT 11,24/scl, 311, - 105KS FH-MA MAR 2 2 2005 TO 4150, TP 4146, SJ 21 5/2-15,5/FT DV. Topol 39 2531FT, Scratchers 140FT Cent, 3,4,5,6,7,8,9,37,61, Boskets on 38,62 2320 Stert Flood EQUA 0050 Drup Bell 0115 BRECKCIA & Stort de Ritote Dalo 6.6 Stort Mud Flush 0 RECEIVED 0215 40 12 Stort NCL Flish 200 MAR 2 4 2005 3223 40 32 ENE Flack 300 KCC WICHITA 0224 40 Stot CMT EA.2 300 40 0235 42 WASH Proping Lines, Drop Bother Plag 0238 45 D Stort Disp H20 100 38 4,5 100 Strt Mud 4.5 38 100 4,5 54 200 cementisoingout pipe 4,5 70 300 \$3,0 95 Stop Roteting @ 85661. 600 98.8 0300 3,0 Lorded Plug 1500 93.3 0303 0 Rologe Pressure 0395 Drop opening bomb 0320 40 open D.V. 1100 0325 3,0 /2 200 0330 Hooling to Rig. Stent to Circ. Top Stage 0645 Plue RHA MH W/ losks SMD 0651 4.5 Stort KCL Flush 150 0655 45 20 200 END FlusH 0656 5,5 0 Stat SMACEMENT 2753KS 55 75 da 0727 55 153 END EMT 0728 WASAPinging I mes, Drop Top Dus 0730 55 0 Stent Disp 200 5,5 42 V Lift CMT

THANKYOU! DANE, BIGING, MEH, Wayne, Disty!

Lord Closing Plus Crc Con740PH 15315

60,2

0745

40



#### KCC MAR 2 2 2005 CONFIDENTIAL

ORIGINAL

Brantley #1-17 Completion Report Section 17-5S-29W Decatur County, KS

2/24 Waiting on w/o rig

2/25 Waiting on w/o rig.

2/28 RU MDC. Tbg on location from Midwestern Pipe Works. Unloaded 4150' of new 2 7/8" tbg. Unloaded tbg & racked total of 131 jts. TIH w/(2) 3 ½" collars, bit & tbg. Tallied in hole & ran rabbit. Tagged DV tool @ 2535'. Began drilling. Drilled through DV tool. Reamed up & down several times to insure no jagged edges exist. Press csg to 500# & held. Laid down swivel & ran tbg & bit to TD. TIH w/tbg & bit. Found TD @ 4124'. Circ hole clean. TOH w/tbg, collars & bit. TOH w/tbg. Laid down collars. Racked up Murfin power swivel & pump. SDON.

3/1 RU Perf Tech. Ran GR CCL bond log. Found TD @ 4123', TOC @ 3000'. Cmt log showed good cmt from TD to 3000'. Logged DV tool @ 2535'. Began swabbing 5 ½" csg. Swabbed down to 3800' f/surface. Swabbed down. RU Perf Tech. Perforated 4092-96', 4050-52', 4025-28', 4004-06', 3989-94' all with 4 spf, 4" carriers. Ran in hole w/csg swab. Pulled off bttm. Waited 20 mins. Made run, pulled 120' wtr. Swab line on rig had approx 650' of bad line & needed to be cut off at this time. TIH w/plug & pkr. In hole w/tools. Set plug @ 4111' & pkr @ 4080'. Made swab run, approx 275' FIH. Made 30 min run, approx 200' FIH, all wtr. Perfs @ 4092-96'. SDON.

3/2 Made swab run, found fld @ 2740' f//surface (1350' of fill up, 100% wtr). Swabbed down. Made 15 min run, pulled 200', all wtr. Rlsd plug & pkr. Reset plug @ 4080' & pkr @ 4044' to straddle K zone @ 4050-52'. Swab test, dry. Spotted acid (250 gals 15% mud acid) and loaded hole. With 50# pressure, acid channeled to J zone @ 4025-29'. Rlsd pkr & spotted acid across both zones @ 4050-52' & 4025-29'. Rest pkr @ 4017'. Started acid. Staged acid in @ 175#. With 3 ½ bbl in, began to feed @ 4 gals per min @ 150#. Increased rate to ¼ BPM @ 250#. Total load 30.50 bbls. ISIP 230#, 1 min 180#, 5 mins 20#, 9 mins 0#. Swabbed down. Rec 22.44 bbls. Show on last pull on swab down. Made 15 min pull. Rec 200' oil & wtr. Made 15 min pull, rec 220' oil. Made 15 min pull, rec 220' oil. Made 15 min pull, rec 520' clean oil. Made 15 min pull, rec 750' clean oil. One hr test rec 9.48 bbls, approx 2000' of gas ahead of pulls. Rlsd plug & pkr. Reset pkr @ 4000' & pkr @ 3978' to straddle H zone @ 3989-94'. Swabbed dry. Spotted acid & treated w/250 gals 15% mud acid. Staged acid in 200#. With 2 bbl in, acid began to feed. Max rate of .6 BPM @ 260#. Total load 30.57 bbls. ISIP 225#, 1 min 0#. Began swabbing. Swabbed down, rec 27.41 bbls on swab down. Good show of oil & gas. Made one swab run, pulled approx 400' oil. SDON.

3/3 Made swab run. Found fld @ 1100' from surface, 2900' fill up, 99% oil. Swabbed down, rec 20.88 bbls. Started hr test. 1st hr rec 8.71 bbls, 99.5% oil (grind out), 2000' gas. 2<sup>nd</sup> hr rec 6.43 bbls, 99.5% oil (grind out), 2000' gas. Rlsd plug & pkr. Reset tools to straddle I zone. Made swab run. Communicated to H zone. Reset tools to straddle J&K zones. No communication between H&I & J&K zones, using swab. Started acid on J&K zones. Treated w/1500 gals 15% gelled acid. Treated @ max rate of .34 BPM @ 450#. Total load 59.85 bbls. ISIP 425#, 5 mins 310#, 20 mins 0#. Acid in, let sit 2 hrs. Began swabbing. Found fld @ 1100' f/surface. Show of oil on 3<sup>rd</sup> pull. All oil on 5<sup>th</sup> pull. Swabbed down, rec 31.03 bbls. Started hr test. 1<sup>st</sup> hr rec 18.85 bbls, 94% oil, ½% solids & 5½% acid wtr. SDON.

3/4 Made swab run, found fld @ 900' f/surface, 3100' fill-up. Swabbed down, rec 31.65 bbls, 99.5% oil. Started hr test. 1st hr rec 20.33 bbls, 99.5% oil on grind out, FL @ 3140' f/surface, 850' fill-up. Rlsd plgr & pkr. Reset plug @ 4015' & pkr @ 3978' to straddle H & I zones @ 4006-04' & 3989-94'. Swabbed down. Spotted acid. Treated w/250 gals 15% mud acid. Treated @ .25 BPM @ 325#. Acid in. ISIP 310#, vac in 27 mins. Began swabbing load back (total of 30 bbls). Fluid level @ 1100' f/surface. Swabbed down. Rec 22.93 bbls, good show of gas. Began hr test w/15 min pull. 1st hr rec 5.51 bbls, 15% oil, 85% acid wtr & mud. Good show of gas. 2nd hr rec 3.77 bbls. On last pull of hr fld turned to 96% oil. 3rd hr rec 2.63 bbls, 76% oil, 26% acid wtr. Rlsd pkr & dumped annulus to flush acid spot f/pkr. Swabbed down. SDON.

3/5 Made swab run, fld @ 2900' f/surface, 1090' fill-up, 78% oil. Swabbed down, rec 6.71 bbls. Started acid. Treated 1/1500 gals 15% gelled acid. Treated @ max rate of .32 BPM & max press of 465#. Total load 61 bbls. Treated H&I zones. Acid in. ISIP 450#, 5 mins 300#, 10 mins 180#, 15 mins 65#, 19 mins 0#, 21 mins vac. Began swabbing load back. Fld @ 970' f/surface. Swabbed down. Rec 30.45 bbls, show of oil. Started hr test. 1st hr rec 10.75 bbls, show of oil. 2nd hr rec 6.12 bbls, show of oil. 3rd hr rec 4.54 bbls, show of oil. Total swabbed back 48.87 bbls. SDON.

3/4 Met w/Rodney Brantley & approved TB site 1600' north on township road.

3/7 Doc Colip called & wants to sit TB 3800' to the east on county road. To recall KS Dig Safe & build TB pad in MA & set tanks 3/10/05.

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ORIGINAL
Brantley #1-17
Completion Report
Section 17-5S-29W
Decatur County, KS

3/7 Made swab run. Flound fld @ 2600' f/surface. Rec 550' of heavy oil & 750' of acid wtr & wtr, 42% oil. Rlsd plug & pkr & TOH w/tools. TOH w/plug & pkr. Perf-Tech on location, RU. Set 5 ½" CIBP @ 4080'. Perforated F zone @ 3946-49'. 4 SPF, 4" carrier. FL @ 2150' f/surface. TIH w/plug, pkr & tbg. Webbs hauled 75 BO to Murfin Elvin lease south tank. TIH w/tools. Set plug @ 3978' & pkr @ 3933'. Swabbed down, dry. Made 30 min pull, rec 120' clean oil. Spotted acid. Treated w/250 gals 15% mud acid. Staged 4.4 bbls acid in formation. Pumped remainder of treatment in @ .24 bpm @ 325#. Total load 29.85 bbls. Flushed w/lease oil. Acid in, ISIP 290#, vac in 14 mins. Began swabbing load back. Swabbed down, rec 31.32 bbls. Start hr test. 1st hr rec 12.18 bbls, 94% oil, 1500' gas. 2nd hr rec 11.31 bbls, 98% oil, 2000' gas. 3rd hr rec 8.99 bbls, 100% oil, 2000' gas. SDON.

3/8 Stacked out new TB site 4100' east of well to county road. Met w/county engineer & approved for 2<sup>nd</sup> driveway. To install LL riser ½ way into line.

3/8 Made swab run. Found fld @ 900' f/surface, 3050' fill-up, 100% oil. Swabbed down, rec 22.91 bbls, all oil. Began hr test. 1st hr rec 11.6 bbl, 100% oil. Rlsd pkr. Spotted acid. Reset pkr. Started acid. Treated w/1000 gals 15% gelled acid w/additives. Max pressure 300#. Max rate .61 BPM. Flushed w/lease oil. Total load 47.87 bbls. Acid in. ISIP 280#, vac in 11 mins. Began swabbing load back. FL @ 500' f/surface. Webbs hauled 70 BO f/swab tank to Elvin lease south tank. Swabbed down, rec 41.76 bbls. Started hr test. 1st hr rec 20.88 bbls, 95% oil on grind out. 2nd hr rec 16.24 bbls, 97% oil on grind out. Rlsd plug & pkr & TOH w/tools. SDON.

3/9 MDC backhoe on location. Hauled multiple loads of dirt f/well site to battery location & built 16' & 90' pad. Hauled 4 more loads to have dirt f/driveway. Loaded hoe. Staked out route f/lead line. SD.

3/9 RU Perf Tech & perforated 3905-08', 3894-96', 3879-82', 3865-68'. 4 SPF w/4" carriers. Found fld @ 700' f/surface. TIH w/plug & pkr. Set plug @ 3930' & pkr @ 3900' to straddle B-zone @ 3905-08'. TIH w/tools. Swabbed down. Well kicked in, approx 350' fld, all oil. Made 20 min pull. Rec approx 1000' clean, gassy oil. Made 2nd 20 min pull, rec 780' clean, gassy oil. Rlsd plug & pkr & set across F-zone @ 3946-49'. Made pull, no sign of communication. Reset tool across B-zone @ 3905-08'. Spotted acid. Started acid. Treated w/250 gals 15% mud acid. Hole loaded, 2 bbls long. Well treated itself on vac (approx .30 bpm). Acid in. Well on vac. Total load 29.10 bbls. Began swabbing load back. FL @ 300' f/surface. Swabbed down, rec 42.34 bbls. FL @ 2750' f/surface. Swabbing steady. Hr test rec 32.04 bbls. Rlsd plug & pkr. Reset plug @ 3900' & pkr @ 3888' to straddle Pollnow zone. Swabbed down, swabbed dry. Made 20 min run, dry. SDON.

3/10 Stewarts on location. Mowed wheat stubble & heavy weeds to be able to trench. Ditched, glued, put in & backfilled 4600' 3" SCH 40 PVC. Put in riser @ ¼ mile west of battery. Put up cattle panel & steel posts around riser. Fixed fence in 2 spots & turned on charger. SDON.

3/10 Made swab run. Pulled 50' of fld, all oil. Rlsd pkr. Spotted acid. Reset pkr. Started acid. Treated w/250 gals 15% mud acid. Loaded hole. Treated well @ ½ BPM @ 0#. Acid in. ISIP vac. Total load 20 bbls. Began swabbing load back. FL @ 50' f/surface. Swabbed down, rec 30.16 bbls oil & acid wtr. Started hr test. 1st hr rec 5.80 bbls, all oil. Rlsd plug & pkr & reset plug @ 3888' & pkr @ 3873' to straddle A-zone @ 3879-82'. Swabbed down. Made 20 min pull, rec 70' oil. Spotted acid. Treated .24 BPM on vac. Acid in. ISIP vac. Total load 29 bbls. Began swabbing load back. Rec 29.87 bbls. Start hr test. Heavy mud in oil on swab down. 1st hr rec 9.21 bbls, all oil. 2nd hr rec 4.06 bbls, all oil. SDON.

3/11 Don's Electric on location. Leveled out battery pad & spread sand. Moved to lead line riser in pasture & put in 3" wood support post & put in 3" BV & cap. Hess Services on location. Set (3) 200 bbl stock tanks, 210 bbl, GB, 200 bbl wtr tank. Webbs on location. Loaded GB w/2 loads of wtr & 20 bbl in wtr tank. SD.

3/14 Waiting on pumping unit to be delivered.

3/11 Made swab run. Found fluid @ 1375' f/surface. Swabbed down. Rec 16.10 bbls heavy oil. Rlsd plug & pkr. Reset plug @ 3874' & pkr @ 3845' to straddle Toronto zone @ 3865-68'. Swabbed down, rec 14.44 bbl. Made 15 min pulls, rec 30' oil. Spotted acid. Treated zone w/250 gals mud acid. Pumped acid @ .34 BPM @ 120#. Total load 28.4 bbls. Acid in. ISIP 40#, 30 sec vac. Began swabbing load back. Found fld @ 100'. Swabbed down, rec 22.4 bbls oil & acid wtr. Hr test rec acid wtr & scum of oil. Rec approx 4.64 bbls. Rlsd plug & pkr. Reset plug @ 3888' & pkr @ 3873'. Made swab run, all ok. Treated A zone w/750 gals 15% gelled acid. Treated @ .54 BPM max rate & 490# max pressure. Total load 41.4 bbls. Acid in. ISIP 470#. Began swabbing load back. Swabbed down, rec 31.32 bbls, 90% oil. Start hr test. 1st hr rec 12.10 bbls, 99% oil. SDON.

3/12 Made swab run, found fld @ 1000' f/surface, 2875' of fill-up. Tools set across A zone @ 3879-82'. Swabbed down, rec 29 bbls, all oil. Started hr test. 1st hr rec 9.57 bbls, 100% heavy oil. 2nd hr rec 8.79 bbls, 100% heavy oil. Rlsd plug & pkr. Ran to bttm w/tools & let

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Brantley #1-17 Completion Report Section 17-5S-29W Decatur County, KS

swing @ 4077'. Began swabbing off bttm. FL @ 2100' f/surface. 1st hr rec 46.87 BO. FL @ 2025' f/surface (6 pulls). 2nd hr rec 46.69 BO. FL @ 2050' f/surface (6 pulls). TOH w/plug & pkr. SDON.

3/14 Made necessary connections to run production string. Rods & pump bbl, etc on location. Started in hole w/production string. Ran 14' MA, 16' bbl, 2 jts tbg @ 65.33', tbg anchor & 124 jts tbg. TIH w/tbg. Bttm MA @ 4074'. Set tbg anchor @ 3974.67' @ 16,000#. Made 4 pulls w/swab to remove any acid that may have settled to bttm during treatment & spotting of acid. FL @ 275' f/surface. Removed thread protector on new rod & made necessary well head connections to run plgr & rods (flexite rings on plunger). Started in hole w/rods. Ran 2 ½" flexite plunger, 10-7/8" rods, 97-3/4" rods, 55-7/8" rods, 2' x 7/8" sub, 1 ½" x 22' P-rod w/10' liner. In hole w/rods, spaced out, good blow. RDMO.

3/15 Checked amt of oil on location & @ battery. Will have to draw acid wtr off swab tank. Ordered connections to build wellhead & to finish ditch work. SD.

3/16 Don's Electric on location. Built pad f/unit & spread sand. Stewart's trenched in remaining 150' 3" pvc @ well site. Built lead line & tied in 3" x 22' steel riser to pvc. Moved to battery to tie into riser. Total Lease Service on location. Unloaded & set base of 228 Lufkin unit. Assembled & centered over hole. Set propane tank f/D&M Service. POP @ 2:00 PM. Don's dug overflow pit & built firewall @ battery. Well quit pumping. Lowered to tag & after 30 mins started pumping. Shot FL, 18 JTF, 578 FTF, 3466 FAP. Came back to well @ 8 PM & leadline was full to GB. Drove line & ok. Well still pumping. SD.

3/17 2.14 x 84 x 7.6, 338.40 BO, 37.60 BW, NPF, 281.12 BOIS. Well was very gassy so this test is not accurate. Pumper to try something different today to get a more accurate test. Shot FL 44 JTF, 1412 FTF, 2632 FAP. Made approx 310 BO overnight. Slowed unit down to 7.8 SPM. Unit running smoother. SD.

3/18 6.8 SPM, 285.12 BO, 2.88 BW, NPF, 85% PE, 233.38 BOIS.

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#### Brantley #1-17

ORIGINAL

Operator: Murfin Drilling Company, Inc. Contractor: Murfin Drilling Company, Inc. Ria #3

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Red Eve Prospect #3212

2005 FNL 750 FWL Sec. 17-T5S-R29W

Decatur County, Kansas

Spud: 7:45 p.m. 2/19/04

TD:

Call Depth: 2900'

4150'

Contact Person: Phone number:

Jim Daniels 316-267-3241

Well site Geologist: Dan Blankenau

API # 15-039-20935

8 5/8" @ 291' Casing:

5 1/2" @ 4148'

Elevation: 2792' GL

2797' KB

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**DAILY INFORMATION:** 

1/19/05 MIRT tomorrow 1/20/05.

1/20/05 MIRT.

1/21/05 Depth 291'. Cut 291'. DT: 5 1/4 hrs. (WOC). CT: none. Dev.: 1/2° @ 291'. Spud @ 8:00 p.m. 1/20/05. Ran 7 its. = 284.05' of 8 5/8" surf. csg. set @ 291'. Cmtd w/225 sx.

comm..., 3% cc, 2% gel. Plug down @ 1:45 a.m. 1/21/05, circ. 5 bbls. Allied.

1/22/05 Depth 1800'. Cut 1508'. DT: 2 \( \frac{1}{2} \) hrs. (WOC), 1 \( \frac{1}{2} \) hrs. (pump). CT: none. Dev.: \( \frac{1}{2} \) o

@ 1182'. Drilled out plug @ 9:45 a.m 1/21/05.

Depth 3000'. Cut 1200'. DT: none. CT: none. Dev.: none. 1/23/05

1/24/05 Depth 3650'. Cut 650'. DT: none. CT: 2 \(^3\)4 hrs. Dev.: none.

1/25/05 Depth 3912'. Cut 262'. DT: none. CT: 11 1/2 hrs. Dev.: none. DST #1 3828-3912

(Toronto – LKC A&B zones):

1/26/05 Depth 3940'. Cut 28'. DT: none. CT: 22 1/2 hrs. Dev.: 1° @ 3812'. DST #1 3828-

> 3912 (Toronto - LKC A&B zones): 30-60-45-90; Stng bl off BOB in 4 min. Rec. 1419' GCO (15% G, 85% O, 28° @ 60°); FP: 163/352, 366/560; SIP: 1300-1293; HP: 2024-1941. BHT 123°. DST #2 3914-3940 (LKC C-D zones): 30-60-45-90; IF: BOB in 10 min. ISI: surf. blw blt 3 1/2 in 60 min. FSI: surf. blw to BOB in 85 min. Rec. 386' GCO (10%G, 90% O, 29° grav.), 62' O&WCM (2% O, 48% W, 50% M), 229' MCW (90%W,

10% M), 677' TF. FP: 33/195, 203/75; SIP: 1331-1327; HP: 2046-1961; BHT 124°.

1/27/05 Depth 4000'. Cut 60'. DT: none. CT: 20 hrs. Dev.: none. DST #3 3941-3970 (LKC G zone): 30-60 packer failure on second open. Gd-strng blw. Rec. 134' CO, 126'

OCM (30% O, 70% M), 63' OCM (10% O, 90% M), 477' M. FP: 23/132, 141/failed:

SIP: 1323-; Grav. 37°.

1/28/05 RTD 4130'. Cut 130'. DT: none. CT: 17 hrs. Dev.: none. DST #4 3966-4058 (LKC

H, I, J, K zones): 30-60-45-90; gd blw; REC. 193' GCO (10% G, 90%O), 93' OCM (50% O, 50% M), 194' OCM (30% O, 70% M). 37° Grav. FP: 28/114, 127/193; SIP:

1358-1326; HP: 2043-1992. ELI starting to log.

Brantley #1-17 CONFIDENTIAL Daily drilling report Page two

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1/29/05

RTD 4150'. Cut 20'. DT: none. CT: 22 ¾ hrs. Dev.: 1° @ 4130'. ELI logged from 8:45 a.m. to 4:45 p.m. 1/28/05, LTD @ 4130'. After log drilled to 4150'. HC @ 7:00 p.m. 1/28/05. Ran 97 jts. = 4146' of 5 ½" prod. csg. set @ 4148'. Cmt. w/175 sx. E A-2 plug down @ 3:00 a.m. 1/29/05 by Swift. Set DV @ 2538', cmt. w/275 sx. SMD, plug down @ 7:45 a.m. 1/29/05, circ. 18 sx. by Swift. 15 sx. in RH, 10 sx. in MH. Rig released @ 11:45 a.m. 1/29/05. **FINAL REPORT**.

	MDCI				Cities Service			Nelson Petroleum		
	Brantley #1-17				Groneweg A #1			#1 Everett G. Shuler		
	2797' KB				Sec. 7-T5S-R29W			Sec. 29-T5S-R29W		
					2833' KB			2804' KB		
Formation	Sample Top	Datum	Log tops	Datum	Ref	Log Top	Datum	Ref	Log Tops	Datum
Anhydrite	2531	+266			+7	2574	+259	+2	2540	+264
B/Anhydrite	2567	+230			+7	2610	+223	-1	2573	+231
Topeka	3662	-865			-1	3704	-871		3668	-864
Oread	3796	-999			+10	3842	-1009		3814	-1010
Heebner	3833	-1036	3836	-1039	+1	3876	-1043		3841	-1037
Toronto	3862	-1065	3865	-1068	-1	3906	-1073		3868	-1064
Lansing	3881	-1084	3879	-1082	+3	3920	-1087		3882	-1087
BKC	4076	-1279	4082	-1285		4124	-1291		4088	-1284
RTD						4485	-1652		4450	-1646
LTD										

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