

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #	API No. 15 - 15-065-23160-0000
Name: Murfin Drilling Company, Inc.	County: Graham
Address: 250 N. Water, Suite 300	SW_NW_SE_Sec. 28 Twp. 10 S. R. 21 East West
City/State/Zip: Wichita, Kansas 67202	1500 S feet from S / N (circle one) Line of Section
Purchaser: APR 2 8 2003	2260 E feet from E / W (circle one) Line of Section
Operator Contact Person: Tom W. Nichols	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 267-3241	(circle one) NE SE NW SW
Contractor: Name: Murfin Drilling Company, Inc.	Lease Name: Acheson Well #: 1-28
License: 30606	Field Name: Wildcat
Wellsite Geologist: Tim Priest	Producing Formation: N/A
Designate Type of Completion:	Elevation: Ground: 2213' Kelly Bushing: 2218'
New Well Re-Entry Workover	Total Depth: 3895' Plug Back Total Depth: N/A
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 219 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
✓ Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	5 W 5 W 6 5 98
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan DA ALT NW 6-5-08 (Data must be collected from the Reserve Pil)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Location of huld disposal if fladied offsite.
Other (SWD or Enhr.?) Docket No	Operator Name:
4/14/06 4/24/06 N/A	Lease Name: License No.:
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date Recompletion Date	Quarter Sec. Twp. S. R. East West County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	, ,
herein are complete and correct to the been of my knowledge.	late the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY
Signature: 1/29/06	
Title: Tom Nichols, Production Manager Date: 4/28/06	Letter of Confidentiality Received
Subscribed and sworn to before me this day of Challes	If Denied, Yes Date:
20.06.	Wireline Log Received RECEIVED
Notary Public: SUSAN BR	Geologist Report Received UIC Distribution MAY 0 2 2006
Date Commission Expires: 114-07 WOTARY PU	

My Appt. Exp

Operator Name: Murfin Drilling Company, Inc.				Lease				Well #: 1-28			
	S. R. 21 East			Count	County: Graham						
ISTRUCTIONS: Sho sted, time tool open a mperature, fluid recor lectric Wireline Logs	and closed, flowing very, and flow rate	and shut-in if gas to sur	pressures, v face test, al	vhether sl ong with t	hut-in pres	sure reached	static level, hydro	ostatic pressui	res, bottom	noie	
rill Stem Tests Taken (Attach Additional Si	heets)	✓ Yes	□No		√ Lo	g Format	tion (Top), Depth a			mple	
amples Sent to Geolo	ogical Survey	✓ Yes	☐ No		Name			Тор	Da	itum	
Cores Taken Yes No								0.400			
(Submit Copy) ist All E. Logs Run:						SEE AT	SEE ATTACHED LIST KCC APR 2 8 1000				
Dual Induction, Microresistivity	Compensate	d Porosity	/,					apr 2 0 WFIDEN			
		Report a		RECORD onductor, s	_	v Used mediate, produ	ction, etc.				
Purpose of String	Size Hole Drilled		Casing O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used		d Percent ditives	
Surface	12 1/4"	8 5/8		24#		219	Common	160	3% сс,	2% gel	
			ADDITIONAL	CEMENT	ring / squ	EEZE RECOP	 RD	_1			
Purpose: Perforate	Depth Top Bottom		Cement		#Sacks Used Type and Percent Additives						
Protect Casing Plug Back TD Plug Off Zone			n								
Shots Per Foot		ION RECORD Footage of Eac			e		racture, Shot, Ceme Amount and Kind of N		ord	Depth	
			· · · · · · · · · · · · · · · · · · ·								
TUBING RECORD	Size	Set At		Packer	r At	Liner Run	☐ Yes ✓ N	lo			
Date of First, Resumerd	Production, SWD or	Enhr. I	Producing Met	hod	Flowing	J Pum	ping Gas I	Lift Ot	ther (Explain)	-1-00	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	r	Bbls.	Gas-Oil Ratio		Gravity	
Disposition of Gas Vented Sold (If vented, Sub	Used on Lease	COMPLETION	Open Hole	Pe	erf. 🗌 [Production Info	terval Commingled			EIVE	
,	,	L	_ Other <i>(Spec</i>	···y/					KCC MAY	0 2 201	
									KCC	MICH	

Acheson #1-28

Operator: Murfin Drilling Company, Inc. Contractor: Murfin Drilling Company, Inc. Rig #24

NoRa Prospect #3226

1500 FSL 2260 FEL Sec. 28-T10S-R21W Graham County, Kansas KCC APR 2 8 2113 CONFIDENTIAL Contact Person: Sco

Scott Robinson

Phone number:

316-267-374ECEIVED

Well site Geologist: Tim Priest

MAY 0 2 2006

KCC WICHITA

Call Depth: 2800'

Spud: 4:00 p.m. 4/14/06

TD: 3895'

API # 15-065-23160

Casing:

8 5/8" @ 219'

Elevation:

2213' GL

2218' KB

DAILY INFORMATION:

4/14/06 MIRT.

4/15/06

Depth 420'. Cut 420'. DT: 8 hrs. (WOC). CT: none. Dev.: ½° @ 219'. Spud @ 4:00 p.m. 4/14/06. Ran 5 jts. = 210.56' of 8 5/8" surf. csg. set @ 219'. Cmt. w/160 sx. comm, 3% cc, 2% gel, plug down @ 8:00 p.m., drilled out @ 4:00 a.m. 4/15/06, circ. 10 bbls. by Allied.

4/16/06

Depth 2185'. Cut 1765'. DT: 1 1/4 hrs. (air comp). CT: none. Dev.: none.

4/17/06

Depth 2875'. Cut 690'. DT: ½ hr. (pump). CT: none. Dev.: ¾° @ 2280'.

4/18/06

Depth 3475'. Cut 600'. DT: none. CT: ½ hr. Dev.: none.

4/19/06

Depth 3570'. Cut 95'. DT: none. CT: 18 ¼ hrs. Dev.: ½° @ 3510'. **DST #1 3487'-3510' (Lansing A):** 30-45-30-45, tool slid 10' to bottom. Rec. 90' M w/SO. IF: 3" surf blow died in 30 mins; FF: no blow. FP: 45-50/52-56; SIP: 892-830; HP: 1652-1591. BHT 106°. Too windy to run a pipe strap. **DST #2 3526'-3570' (Lansing B,D):** 30-45-30-45. IF: wk blow died in 10 mins.; FF: no blow. Rec. 1' M. FP: 12-13/13-13; SIP: 28-21; HP: 1723-1656. BHT 106°.

4/20/06

Depth 3593'. Cut 23'. DT: none. CT: 22 ½ hrs. Dev.: none. At approximately 3550' the geolograph cable came loose; it was reattached but not working properly making a mark every ½' instead of every foot. So an extra 10' was reported to be cut by the geolograph when in actuality it had not been cut. The problem was found & corrected before going back to drilling after DST #2. The interval for DST #2 has been corrected to **DST #2 3516-3560 (Lansing B zone). DST #3 3546-3593 (Lansing D, E, F zones):** 30-45-30-45. IF: wk blow died in 15 min. FF: no blow. Rec. 5' M. HP: 1726-1649; FP: 11/13, 14/16; SIP: 438-387. BHT 103°.

4/21/06

Depth 3735. Cut 142'. DT: none. CT: 16 hrs. Dev.: none. **DST #4 3625-3735** (**Lansing H,I,J,K,L zones**): 30-45-30-45. IF: wk blow died in 17 mins. FF: no blow. Rec. 5' M. HP: 1751-1731; FP: 13/25, 27/37; SIP: 724-701. BHT 106°.

Acheson #1-28
Daily drilling report
Page two

KCC apr 2 8 2003 CONFIDENTIAL

4/22/06

Depth 3825. Cut 90'. **DST# 5 3779-3825 (Arbuckle):** Packer failure. **DST #6 3764-3825 (Arbuckle):** 30-45-45-60. IF: wk blow died in 16 min. FF: no blow. Rec. 5' M. HP: 1850-1782; FP: 14/21, 21/26; SIP: 1145-1148. BHT: 111°. **DST #7 3825-3835 (Arbuckle):** IF: strong blow bob in 20 min. FF: strong blow bob in 34 min. Rec. 440' W (32,000 ppm Chl, Pit 6,400 ppm Chl). HP: 1890-1838; FP: 17/113, 116/207; SIP: 1083-1052. BHT 117°.

4/23/06

RTD 3895. Cut 70'. HC @ 2:00 a.m. LogTech logged from 5:15 a.m. to 9:30 a.m. To plug and abandon the well.

4/24/06

RTD 3895'. Plugged hole w/60/40 poz, 6% gel as follows: 25 sx. @ 3800', 25 sx. @ 1710', 100 sx. @ 1025', 40 sx. @ 270', 10 sx. @ 40', 15 sx. in RH, 10 sx. in MH. Started 1:45 p.m., comp. @ 5:00 p.m. 4/23/06. Orders from Jay Peifer, KCC @ Hays. Rig released @ 9:00 p.m. 4/23/06. **FINAL REPORT**.

		A 50	WAPA Unit #1-33						
	1500 FSL 2260 FEL Sec. 28-T10S-R21W						1785' FNL 2600' FWL Sec. 33-T10S-R21W		
			2218'			, ,	2201' KB		
Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum	
Anhydrite	1686	+532	+10	1686	+532	+10	1679	+522	
B/Anhydrite	1733	+485	+9	1738	+480	+4	1725	+476	
Topeka	3253	-1035	-4	3252	-1034	-3	3232	-1031	
Heebner	3459	-1241	-2	3460	-1242	-3	3440	-1239	
Toronto	3484	-1266	-3	3483	-1265	-2	3464	-1263	
Lansing	3500	-1282	-3	3499	-1281	-2	3480	-1279	
BKC	3732	-1514	-2	3730	-1512	Flat	3713	-1512	
Marmaton							3738	-1537	
Arbuckle	3819	-1601	-2	3820	-1602	-3	3800	-1599	
Total Depth	3895	-1677		3897	-1679		3930	-1729	

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	Acheson #1-28 1500 FSL 2260 FEL Sec. 28-T10S-R21W 2218' KB						WAPA Unit #1-33 1785' FNL 2600' FWL Sec. 33-T10S-R21W 2201' KB		
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Toronto	3484	-1266	-3	3483	-1265	-2	3464	-1263	
Lansing	3500	-1282	-3	3499	-1281	-2	3480	-1279	
BKC	3732	-1514	-2	3730	-1512	Flat	3713	-1512	
Marmaton							3738	-1537	
Arbuckle	3819	-1601	-2	3820	-1602	-3	3800	-1599	
Total Depth	3895	-1677		3897	-1679		3930	-1729	

Allied Cementing Co., Inc P.O. Box 31

Russell, KS 67665

************* * INVOICE *

* *********

Invoice Number: 101920

Invoice Date: 04/20/06

Sold Murfin Drilling Co. To: 250 N. Water, St. #300

Wichita, KS

67202

KCC APR 2 8 2013 GONFIDENTIAL RECEIVED
MAY 0 2 2006
KCC WICHITA

Cust I.D....: Murfin

P.O. Number..: Acheson 1-28

P.O. Date...: 04/20/06

Due Date.: 05/20/06 Terms...: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	160.00	SKS	9.6000	1536.00	Т
Gel	3.00	SKS	15.0000	45.00	T
Chloride	5.00	SKS	42.0000	210.00	T
Handling	168.00	SKS	1.7000	285.60	E
Mileage	65.00	MILE	11.7600	764.40	E
168 sks @.07 pe	er sk per mi				
Surface	1.00	JOB	735.0000	735.00	E
Mileage pmp trk	65.00	MILE	5.0000	325.00	E
Wiper Plug	1.00	EACH	55.0000	55.00	T

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter. If Account CURRENT take Discount of \$395.60 ONLY if paid within 30 days from Invoice Date

Subtotal:
Tax...:
Payments:
Total..:

3956.00 102.46 0.00 4058.46



GONFIDENTIAL

Federal Tax I.D.#

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT:

ROSC	LLL, KAI	15/15 070	05			KUSS	ell
DATE 4-14-06	SEC. 28	TWP.	RANGE 2/	CALLED OUT	ON LOCATION 6:00 PM	JOB START	JOB FINISH
LEASEACHESC	VELL#	'-28	LOCATION Riga	I-70 EXIT	12 N	COUNTY WRANA M	STATE
OLD OR NEW C	-		3	3/4W / 2N	12 W INTO	The state of	1 277.0170
		· .	N		200 11110	J	
CONTRACTOR / TYPE OF JOB	MUREIN	DRIG	. Kig # 24	OWNER			
HOLE SIZE 12	SURFA	رو T.D	. 2/9'	CEMENT			
CASING SIZE 8			PTH 2/9		DERED	SK C	Otra
TUBING SIZE Ne			PTH		290	Geh	~m
DRILL PIPE			PTH		390	C.C.	
TOOL		DE	PTH	_			
PRES. MAX			NIMUM	_ COMMON	760	_@ <u>969</u>	1536 00
MEAS. LINE	I CCC 1		DE JOINT	_ POZMIX		_@	1500
CEMENT LEFT IN PERFS.	1 CSG. 15			_ GEL _ CHLORIDE _	3	@ <u>15°°</u>	
DISPLACEMENT			13 BBL	_ CHLORIDE ASC	5	_@ 4 2 <i>=</i> = @	- 210-
		IPMENT	, -			_ @	
	EQU	II IVILITY I	•			_@	,
PUMP TRUCK	CEMENTI	ED (3/4				@	
~ ~ ~	HELPER	GAR					
BULK TRUCK	11221 21	7.71	y			_ @	
# 4 10	DRIVER	Jan	V				
BULK TRUCK						_ @ @	
#	DRIVER			- HANDLING _	168	- @ <u>179</u>	78560
					5 TON Mil	e	76400
_	REN	AARKS:				TOTAL	284100
Ceme	n C		C-ULATED		SERVIO	CE	
				DEPTH OF JO	В		
					CHARGE		73500
				EXTRA FOOT		_@	2 00
			Thomas Bha	MANUFOLD		_	32500
			7.7.7.3	– MANIFOLD <u></u>			
		_				@	
CHARGE TO: 🗘	<i>Aurei</i>	'w D	RILLING CO.	_			
STREET						TOTAL	1060
							
CITY	STA	ATE	ZIP	F	PLUG & FLOAT	EOHIPMEN	ı T
					er Plug	_	55 000
				2 10 11/1	er Pluy	@	
To Allied Cement	ting Co., I	nc.		F	RECEIVED	@	
	_		nenting equipment	a		@	
and furnish cemer	-		•		MAY Q 2 2006		
contractor to do v	vork as is	listed. Tl	ne above work was	K	CC WICHITA	M	0.72
done to satisfaction	on and sup	ervision	of owner agent or			TOTAL	_55 ==
			I the "TERMS AND) TAX			
CONDITIONS" I	isted on th	ne reverse	e side.	1AX			
				TOTAL CHARG	GE		
			1	DISCOUNT		IF PAII	D IN 30 DAYS
	~ (P	. 1	1/0		1		
SIGNATURE	11 Ohan	. M	ax ()	Anthon	Marti	<i>'</i>	
	Lucius C	7			PRINTF	D NAME	
Great 3	sob Gi	445					